[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
1 >[prod_1]	0.37766869
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
2 >[prod_1]prod_1=>frag_1+OH>[frag_1]	0.37763671
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
3 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.37765373
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$4 > [C_3H_6]C_3H_6 + HO_2 = \text{propen1ol} + OH>[propen1ol]$	0.00809762
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
5 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.02072113
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>OH+propoxide	
6 >[propoxide]	0.00452153
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$7 > [C_3H_6]HO_2 + C_3H_6 = > OH + propoxide - > [propoxide]$	0.00425556
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2	
8 >[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	0.00317963
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
9 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	0.00937282
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
10 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	0.0052669
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$>[C_3H_6]HO_2+C_3H_6=>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide$	
11 >[propoxide]	0.00188505
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
12 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.01208977
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
13 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.01047737
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
14 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.02121671

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
15 > [C3H6]C3H6+HO2=> propen1ol+OH>[propen1ol]	0.0016983
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
$ C_3H_6 C_3H_6+HO_2=> propen1ol+OH>[propen1ol]$	0.00150792
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
17 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.01795877
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
18 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.02117057
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
19 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.01586404
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
20 >[npropyl]well_1=>OH+prod_1>[prod_1]	0.00919731
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
21 >[frag_1]	0.00919753
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
22 >[CO]	0.00919709
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>QOOH_3	
23 >[QOOH_3]QOOH_3=>OH+propoxide>[propoxide]	0.00108311
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
24 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.01869818
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>allyloxy+OH	
25 >[allyloxy]	0.00211586

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>OH+propoxide	
26	>[propoxide]	0.00094632
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
27	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide>[propoxide]	0.00089132
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
28	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide>[propoxide]	0.00079287
29	->[frag_1]	0.00292458
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>OH+OH+frag_1-	
20	->[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	0.00202465
30	>[CO]	0.00292465
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
31	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.02120634
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
32	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.01523887
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
33	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.02119253
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>OH+propoxide	
34	>[propoxide]	0.00058747
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
35	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.01588206

	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
36	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.01871884
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
37	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	0.00110017
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +npropyl=>OH+propoxide	
38	>[propoxide]	0.00051185
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
39	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	0.00097654
	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	> <mark>[CH₃CH₂OOH]</mark> CH ₃ CH ₂ OOH=>ethoxy+OH> <mark>[ethoxy]</mark> ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
40	>[CH ₃ O]	0.01252721
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
41	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1>[prod_1]	0.00148317
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1	
42	>[prod_1]prod_1=>frag_1+OH>[frag_1]	0.00148157
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide	
43	>[propoxide]	0.00039602
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
44	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00148037
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide	
45	>[propoxide]	0.00035152

		1
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
46	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00092435
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
47	>[CH ₃ O]	0.00955891
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
48	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.0010381
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
49	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00283791
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_3>[QOOH_3]QOOH_3=>OH+propoxide	
50	>[propoxide]	0.0002418
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod_1-	
51	->[prod_1]	0.00389895

	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod_1-	
52	->[prod_1]prod_1=>frag_1+OH>[frag_1]	0.00389846
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod_1-	
	->[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
53	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00389913
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
54	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00509199
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
55	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	0.00088442
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	$>[vinoxy]vinoxy+O_2=>CH_2O+CO+OH$	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
56	>[CH ₃ O]	0.01255467
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>allyloxy+OH$	
57	[allyloxy]	0.00044338
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>HO ₂ +prod_2	
58	>[prod 2]prod 2=>allyloxy+OH>[allyloxy]	0.00072487
	/ / //	

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	> <mark>[ipropylooh]</mark> ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
59	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.0088942
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>allyloxy+OH	
60	>[allyloxy]	0.00039096
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>QOOH_3	
61	>[QOOH_3]QOOH_3=>OH+propoxide>[propoxide]	0.00015521
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₂ O+formylperoxy=>HCO+formylooh	
62	>[formylooh]formylooh=>formyloxy+OH>[formyloxy]	0.00060699
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo+HO ₂ =>npropylooh+O ₂	
63	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.0005641
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[<mark>ipropyl]</mark> ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+OH=>vinoxy+H ₂ O	
64	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00059633
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_3	
65	>[prod_3]	0.00048998
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_3	
66	>[prod_3]prod_3=>frag_3+OH>[frag_3]	0.00048996
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
67	>[prod_3]prod_3=>frag_3+OH>[frag_3]	0.00041448
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +H=>allyl+H ₂ >[<mark>allyl</mark>]allyl+HO ₂ =>prod_2	
68	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	0.0003228

[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
69 >[CH ₃ O]	0.0095567
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
$ > [vinoxy] vinoxy + O_2 = > CH_2O + CO + OH > [CO]$	0.00056593
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_3	
>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
71 >[prod_3]prod_3=>frag_3+OH>[frag_3]	0.0002689
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
72 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.0018846
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O>[HCO]HCO+O ₂ =>CO+HO ₂	
73 >[CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	0.00025478
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +HO ₂ = $>$ propen1ol+OH	
74 >[propen1ol]	0.00029698

82	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00075828
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	$[OH]C_3H_8+OH=>npropyl+H_2O$	
81	>[propoxide]	9.2198E-05
	>[QOOH_2]well_2=>well_3>[well_3]QOOH_3=>OH+propoxide	
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2	
80	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00481903
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
79	$>[C_3H_6]C_3H_6+HO_2=>$ propen1ol+OH>[propen1ol]	0.00011722
78	$>[C_3H_6]C_3H_6+HO_2=>propen1ol+OH>[propen1ol]$	0.00010817
	$>[C_3H_6]H+C_3H_6=>ipropyl>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$[OH]C_3H_8+OH=$ ipropyl $+H_2O-$ [ipropyl]ipropyloo= $>HO_2+C_3H_6-$	
77	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00281122
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
, 0	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	0.00011077
76	>[propoxide]	0.00011677
	$[C_3H_6]H+C_3H_6=$ $[npropyl]npropyloo=>OH+propoxide$	
/3	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy] [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	0.00433301
75	>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	0.00433501
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H	
83	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	0.00068294
0.4	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	0.00024.042
84	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1>[prod_1]	0.00031012
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
OF	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1	0.00030998
85	>[prod_1]prod_1=>frag_1+OH>[frag_1]	0.00030998
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6>[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh$	
96		0.00065096
80	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy] [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_3	0.00065096
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
87	>[prod_3]prod_3=>frag_3+OH>[frag_3]	0.00013328
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +CH ₃ OO=>allyl+CH ₃ OOH>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
88	>[CH ₃ O]	0.0005224
	$[OH]C_3H_8 + OH = > ipropyl + H_2O - > [ipropyl]ipropyloo = > HO_2 + C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
89	>[CH ₃ O]	0.00056333
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆ >[C ₃ H ₆]HO ₂ +C ₃ H ₆ = $>$ OH+propoxide	
90	>[propoxide]	0.00015607
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₂ O+formylperoxy=>HCO+formylooh	
91	>[formylooh]formylooh=>formyloxy+OH>[formyloxy]	0.00060722

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +ipropyloo=>allyl+ipropylooh	
92	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00050285
	$[OH]C_3H_8 + OH = > ipropyl + H_2O - > [ipropyl]O_2 + ipropyl = > HO_2 + C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
93	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00030991
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O>[HCO]HCO+O ₂ =>formylperoxy	
	>[formylperoxy]CH ₂ O+formylperoxy=>HCO+formylooh	
94	>[formylooh]formylooh=>formyloxy+OH>[formyloxy]	0.00029673
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+CH ₂ O=>ipropylooh+HCO	
95	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00042932
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
	>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
96	>[CH ₃ O]	0.00098656
0.7	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	0.00037503
97	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1>[prod_1]	0.00027592
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
0.0	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1	0.00037604
98	>[prod_1]prod_1=>frag_1+OH>[frag_1]	0.00027604
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>HO_2+prod_2$	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
90	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	0.00050678
39	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00030078
100	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]O_2+npropyl=>QOOH_2$	7 21005 05
100	>[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	7.3189E-05

	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]acetylperoxy+HO ₂ =>CH ₃ CO ₃ H+O ₂	
101	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	0.00028269
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
102	2 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00165188
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod_1-	
103	B ->[prod_1]	0.0022748
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod_1-	
104	4 ->[prod_1]prod_1=>frag_1+OH>[frag_1]	0.00227478
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod_1-	
	->[prod 1]prod 1=>frag 1+OH>[frag 1]frag 1=>vinoxy+CH ₂ O	
10	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00227501
100	- [viiioxy]viiioxy 102-20112010010112[CO]	5.55227501

[OH]C ₃ H	₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1	
>[prod_	1]prod_1=>frag_1+OH> <mark>[frag_1]</mark> frag_1=>vinoxy+CH ₂ O	
106 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00027553
[OH]C ₃ H	₈ +OH=>ipropyl+H ₂ O	
>[ipropy	l]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropy	looh]ipropylooh=>ipropyloxy+OH	
>[ipropy	loxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]C	$H_3OO+C_3H_8=>CH_3OOH+npropyl$	
107 >[CH ₃ OC	OH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00297029
[OH]C H	₈ +OH=>npropyl+H ₂ O> <mark>[npropyl]</mark> well_1=>OH+prod_1	
_	1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O	
		0.00025417
	$ CO+O_2 > CO+HO_2> [CO]CO+HO_2=> CO_2+OH> [CO_2]$	0.00025417
	$_{8}$ +OH=>npropyl+H $_{2}$ O>[npropyl]O $_{2}$ +npropyl=>HO $_{2}$ +C $_{3}$ H $_{6}$	C 15135 OF
	IO ₂ +C ₃ H ₆ =>OH+propoxide>[propoxide]	6.1512E-05
	8+OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	vinoxy+O ₂ =>CH ₂ O+CO+OH	
_	npropyloo+CH ₂ O=>npropylooh+HCO	
	y <mark>looh]</mark> npropylooh=>npropyloxy+OH	
>[nprop	yloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅](CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
_	₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00432938
[OH]C ₃ H	₈ +OH=>npropyl+H ₂ O	
>[nprop	yl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	y <mark>looh]</mark> npropylooh=>npropyloxy+OH	
>[nprop	$ \frac{\text{yloxy}}{\text{npropyloxy}} = \text{C}_2 \text{H}_5 + \text{CH}_2 \text{O} \text{E}_2 \text{H}_5 \text{CH}_3 \text{CH}_2 \text{OO} = \text{E}_2 \text{H}_4 + \text{HO}_2 \text{E}_3 \text{CH}_3 \text{CH}_2 \text{OO} = \text{E}_4 \text{CH}_3 \text{CH}_3 \text{CH}_2 \text{OO} = \text{E}_4 \text{CH}_4 + \text{E}_5 \text{CH}_3 \text{CH}_4 \text{CH}_4 \text{CH}_5 \text{CH}_5 \text{CH}_5 \text{CH}_6 \text{CH}_6$	
>[C ₂ H ₄]($C_2H_4+OH=>CH_2CH_2OH$	
111 >[CH ₂ CH	$_{2}OH]O_{2}C_{2}H_{4}OH=>OH+CH_{2}O+CH_{2}O>[CH_{2}O]$	0.0002513
[OH]C ₃ H	₈ +OH=>npropyl+H ₂ O> <mark>[npropyl]</mark> well_1=>OH+prod_1	
>[prod_	1]prod_1=>frag_1+OH> <mark>[frag_1]</mark> frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]	CH ₂ O+OH=>HCO+H ₂ O>[HCO]HCO+O ₂ =>formylperoxy	
>[formy	peroxy]C ₃ H ₈ +formylperoxy=>ipropyl+formylooh	
112 >[formy	ooh]formylooh=>formyloxy+OH>[formyloxy]	0.00024611

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy= $>$ C ₂ H ₅ +CH ₂ O $>$ [C ₂ H ₅]C ₂ H ₅ +O ₂ = $>$ C ₂ H ₄ +HO ₂	
	>[C ₂ H ₄]C ₂ H ₄ +OH=>CH ₂ CH ₂ OH	
113	>[CH ₂ CH ₂ OH]O ₂ C ₂ H ₄ OH=>OH+CH ₂ O+CH ₂ O>[CH ₂ O]	0.00025016
	$ [OH]C_3H_8 + OH = $	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
114	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00019351
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]H ₂ O ₂ +acetylperoxy=>HO ₂ +CH ₃ CO ₃ H	
115	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	0.00023214
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
116	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide>[propoxide]	5.9078E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
117	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00022432
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +CH ₃ CH ₂ OO= $>$ allyl+CH ₃ CH ₂ OOH	
118	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00045674
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
119	$ C_3H_6 C_3H_6+H=>allyl+H_2>[allyl]allyl+HO_2=>allyloxy+OH>[allyloxy]$	0.00012191
110	[-103116] 03116 111 -2011 $[0311]$ $[03116]$ 03116 03116 03116 03116 03116 03116 03116 03116 03116	0.00012101

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O>[C ₂ H ₅]CH ₃ CH ₂ OO=>C ₂ H ₄ +HO ₂	
	$>[C_2H_4]C_2H_4+OH=>CH_2CH_2OH$	
120	>[CH ₂ CH ₂ OH]O ₂ C ₂ H ₄ OH=>OH+CH ₂ O+CH ₂ O>[CH ₂ O]	0.00043178
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ -	
121	->[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH>[propen1ol]	0.00025333
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
122	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.0001719
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	$>[npropyloxy]npropyloxy=>C_2H_5+CH_2O>[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2$	
	>[C ₂ H ₄]C ₂ H ₄ +OH=>CH ₂ CH ₂ OH	
123	>[CH ₂ CH ₂ OH]O ₂ C ₂ H ₄ OH=>OH+CH ₂ O+CH ₂ O>[CH ₂ O]	0.00042928
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>ipropyl$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
124	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00016421
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
125	>[npropyl]npropyloo=>OH+propoxide>[propoxide]	0.00010281
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_3>[QOOH_3]QOOH_3=>OH+propoxide	
126	>[propoxide]	5.0645E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>QOOH_3	
	>[QOOH_3]well_3=>well_2>[well_2]QOOH_2=>OH+propoxide	
127	>[propoxide]	5.026E-05

[OH]C ₂ H ₀ +OH=>inronvl+H ₂ O	>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl	[
>[npropyl]npropyloo+CH ₂ O=	>npropylooh+HCO	
128 >[npropylooh]npropylooh=>		0.00031269
	>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	0.00001200
	->[allyl]allyl+HO ₂ =>allyloxy+OH	
>[allyloxy]allyloxy=>acrolein-	_	
>[acrolein]acrolein+HO ₂ =>Cl		
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>		
$ 129 > [vinoxy] vinoxy + O_2 = > CH_2O +$	_	0.00018467
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ C)	
>[npropyl]npropyloo+C ₃ H ₈ =>	npropylooh+ipropyl	
>[ipropyl]ipropyloo=>HO ₂ +C	$_{3}H_{6}$ > $[C_{3}H_{6}]C_{3}H_{6}$ +HO ₂ =>allyl+H ₂ O ₂	
130 >[allyl]allyl+HO ₂ =>prod_2>	[prod_2]prod_2=>allyloxy+OH>[allyloxy]	0.00019207
)>[npropyl]well_1=>OH+prod_1	
	H>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]ipropyloo+CH ₂ O=>ip		
>[ipropylooh]ipropylooh=>ip		
>[ipropyloxy]ipropyloxy=>CF		
>[acetaldehyde]acetaldehyd	e+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetyl(+M)=>CH ₃ +C	$O(+M)>[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2$	
131 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+		0.00190417
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ C	0>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_3	>[QOOH_3]QOOH_3=>OH+propoxide	
132 >[propoxide]		4.495E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ C	0>[npropyl]well_1=>HO ₂ +prod_2	
	OH> <mark>[allyloxy]</mark> allyloxy=>acrolein+H	
>[acrolein]acrolein+CH ₃ OO=	>CH ₂ CHCO+CH ₃ OOH	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>	vinoxy+CO ₂	
133 <mark>>[vinoxy]</mark> vinoxy+O ₂ =>CH ₂ O+	CO+OH>[CO]	0.00036299

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[OH]C_3H_8+OH=>npropyl+H_2O-->[npropyl]well 1=>OH+prod 1--
      >[prod 1]prod 1=>frag 1+OH-->[frag 1]frag 1=>vinoxy+CH<sub>2</sub>O--
      >[CH<sub>2</sub>O]npropyloo+CH<sub>2</sub>O=>npropylooh+HCO--
      >[npropylooh]npropylooh=>npropyloxy+OH--
      >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
      >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+HO<sub>2</sub>=>CH<sub>3</sub>CH<sub>2</sub>OOH+O<sub>2</sub>--
      >[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH<sub>3</sub>+CH<sub>2</sub>O-
      ->[CH<sub>3</sub>]CH<sub>3</sub>OO+HO<sub>2</sub>=>CH<sub>3</sub>OOH+O<sub>2</sub>-->[CH<sub>3</sub>OOH]CH<sub>3</sub>OOH=>CH<sub>3</sub>O+OH--
                                                                                                               0.00257961
|134| > [CH<sub>3</sub>O]
      [OH]C_3H_8+OH=>npropyl+H_2O--
      >[npropyl]npropyloo+C<sub>3</sub>H<sub>8</sub>=>npropylooh+npropyl--
      >[npropylooh]npropylooh=>npropyloxy+OH--
      >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
      >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>CH<sub>2</sub>OOH+npropyl--
135|>[npropyl]well 1=>OH+prod 1-->[prod 1]
                                                                                                               0.00071944
      [OH]C_3H_8+OH=>npropyl+H_2O--
      >[npropyl]npropyloo+C<sub>3</sub>H<sub>8</sub>=>npropylooh+npropyl--
      >[npropylooh]npropylooh=>npropyloxy+OH--
      >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
      >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>CH<sub>2</sub>OOH+npropyl--
      >[npropyl]well 1=>OH+prod 1-->[prod 1]prod 1=>frag 1+OH--
136 > [frag 1]
                                                                                                               0.00071995
      [OH]C_3H_8+OH=>npropyl+H_2O--
      >[npropyl]npropyloo+C<sub>3</sub>H<sub>8</sub>=>npropylooh+npropyl--
      >[npropylooh]npropylooh=>npropyloxy+OH--
      >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
      >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>CH<sub>2</sub>OOH+npropyl--
      >[npropyl]well 1=>OH+prod 1-->[prod 1]prod 1=>frag 1+OH--
      >[frag_1]frag_1=>vinoxy+CH<sub>2</sub>O-->[vinoxy]vinoxy+O<sub>2</sub>=>CH<sub>2</sub>O+CO+OH--
                                                                                                               0.00071948
137 > [CO]
      [OH]C_3H_8+OH=>npropyl+H_2O-->[npropyl]well 1=>OH+prod 1--
      >[prod 1]prod 1=>frag 1+OH-->[frag 1]frag 1=>vinoxy+CH<sub>2</sub>O--
      >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH--
      >[CH<sub>2</sub>O]CH<sub>2</sub>O+acetylperoxy=>HCO+CH<sub>3</sub>CO<sub>3</sub>H--
                                                                                                               0.00068182
138 | >[CH<sub>3</sub>CO<sub>3</sub>H]CH<sub>3</sub>CO<sub>3</sub>H=>acetyloxy+OH-->[acetyloxy]
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[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)	
>[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
139 >[CH ₃ O]	0.00081171
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+OH=>vinoxy+H ₂ O	
140 vinoxy vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00034884
$[OH]C_3H_8+OH=>ipropy +H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>[C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>prod_2$	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
141 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00020848
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$ $ $ $ $ $ $ $ $ $ $ $ $ $ $ $ $ $	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
142 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	8.0738E-05
$[OH]C_3H_8+OH=>ipropy +H_2O$	0.07302 03
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl	
143 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00066243
OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
144 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00109674
rengoon rengo (on rengo)	2.2323371

[0]	$H_1C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[0	C_3H_6 C_3H_6 + npropyloo = > allyl + npropylooh > [allyl] allyl + HO ₂ = > prod_2	
145 >[p	orod_2]prod_2=>allyloxy+OH>[allyloxy]	0.0001887
[0]	H]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[r	npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
>[r	npropylooh]npropylooh=>npropyloxy+OH	
>[r	npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[0	CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
146 >[0	CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00058728
[0]	H]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[i]<	propyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[i	propylooh]ipropylooh=>ipropyloxy+OH	
>[i]<	propyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[a	acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl	
147 >[i	propylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.0005325
[0]	H]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[i]<	propyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[i]<	propylooh]ipropylooh=>ipropyloxy+OH	
>[i]<	propyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[0	CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[i]<	propyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
148 >[i	propylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00064635
[0]	H]C ₃ H ₈ +OH=>npropyl+H ₂ O> <mark>[npropyl]</mark> well_1=>OH+prod_1	
>[p	orod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[0	CH_2O CH ₂ O+HO ₂ =>HCO+H ₂ O ₂ >[HCO]HCO+O ₂ =>CO+HO ₂	
149 >[0	CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	7.7224E-05
[0]	H]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[r	npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[r	npropylooh]npropylooh=>npropyloxy+OH	
>[r	npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[0	C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
150 >[r	npropyl]well_1=>OH+prod_1>[prod_1]	0.001233

$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
151 >[frag_1]	0.00123407
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
152 >[CO]	0.00123345
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]CH ₂ O+formylperoxy=>HCO+formylooh	
153 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	0.00029728
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
154 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00093947
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
155 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	7.5737E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo=>QOOH_2	
156 >[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	3.5909E-05

	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
	[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
	[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]	5.1961E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O> <mark>[npropyl]</mark> well_1=>OH+prod_1	
>	[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
158 >	>[CH ₂ O]CH ₂ O+O=>HCO+OH>[HCO]	7.4061E-05
 	OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$\sim [C_3H_6]C_3H_6+HO_7=> propen1ol+OH$	
	[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2	
	$\sim [C_2H_3]C_2H_3+O_2=>O+vinoxy>[vinoxy]vinoxy+O_2=>CH_2O+CO+OH>[CO]$	0.00014423
	$OH_1^3H_8+OH=>ipropyl+H_2O$	0.00014423
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	<pre>>[npropyl]npropyloo=>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide-</pre>	7.1989E-05
	>[propoxide]	7.1969E-03
	$OH_1C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$ [C_3H_6]H+C_3H_6= > ipropyl-> [ipropyl]O_2+ipropyl=> HO_2+C_3H_6-$	2 0215 05
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH>[propen1ol]	3.931E-05
_	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	<pre>>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H</pre>	
	[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>	(CH2CHCO) CH2CHCO = > C2H3 + CO - > (C2H3) C2H3 + O2 = > O + vinoxy -	
162 >	<pre>>[vinoxy]vinoxy+O₂=>CH₂O+CO+OH>[CO]</pre>	0.00014383
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>	$>[C_3H_6]C_3H_6+OH=>allyl+H_2O$	
>	-[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>	>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
>	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
-:	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
163 >	>[CH ₃ O]	0.00091535
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>	> <mark>[npropyl]</mark> npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>	>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2	
164 >	>[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	6.9048E-05

		1
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
165	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.0001376
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
166	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00100645
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ -	
167	->[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide>[propoxide]	0.00013297
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$[C_3H_6]C_3H_6+HO_2=$ propen1ol+OH	
160	>[propen1ol]propen1ol+OH=>CH ₂ O+C ₂ H ₃ +H ₂ O	0.00013815
100	>[C ₂ H ₃]C ₂ H ₃ +O ₂ =>O+vinoxy>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO] [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	0.00013813
1.00	$>[C_3H_6]H+C_3H_6=>npropyl>[npropyl]well_1=>HO_2+prod_2$	7 70265 05
169	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	7.7836E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
470	>[npropyl]well_1=>HO ₂ +prod_2>[prod_2]prod_2=>allyloxy+OH	0.00000000
1/0	>[allyloxy]	0.00022823
	$[OH]C_3H_8+OH=>npropyl+H_2O$	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
171	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00058642

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +CH ₃ OO=>allyl+CH ₃ OOH>[allyl]allyl+HO ₂ =>prod_2	
172 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	0.0001565
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ -	
173 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00085278
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
174 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00044045
[OHIC H. 10H-xipropylet I.O. x[ipropylet II.O. 10H	
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ npropyl $>$ [npropyl]npropyloo+HO ₂ = $>$ npropylooh+O ₂	
175 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00011799
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>C ₂ H ₃ +CH ₂ O	
$176 > [C_2H_3]C_2H_3 + O_2 = > O + vinoxy - > [vinoxy]vinoxy + O_2 = > CH_2O + CO + OH> [CO]$	0.00012737
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂	O-
->[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+Ol	H
177 >[CH ₃ O]	0.00166638

$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
$>[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl$	
178 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00161002
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well 1=>OH+prod 1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
179 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00185474
1/3 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH = >Ethoxy+OH = >[Ethoxy]	0.00103474
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$->[C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>prod_2$	
180 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	0.00029168
$\frac{ OH C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6}{ OH C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6}{ OH C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6}{ OH C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6}{ OH C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6}{ OH C_3H_8+OH=>ipropyl-H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6}{ OH C_3H_8+OH=>ipropyloo=>HO_2+C_3H_6}{ OH $	0.00029108
$>[C_3H_6]H+C_3H_6=>ipropyl$	
>[ipropyl]ipropyloo+ipropyloo=>O ₂ +ipropyloxy+ipropyloxy	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	0.00024297
181 >[CH ₃ O]	0.00024387
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +OH= $>$ allyl+H ₂ O- $>$ [allyl]allyl+HO ₂ = $>$ prod_2- $>$	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
$>[CH_2CHCO]CH_2CHCO=>C_2H_3+CO>[C_2H_3]C_2H_3+O_2=>O+vinoxy$	0.0001005
182 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00012887

[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]C ₃ H ₈ +formylperoxy=>ipropyl+formylooh	
183 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	0.00024673
$>$ [C ₃ H ₆]C ₃ H ₆ +H=>allyl+H ₂ >[allyl]allyl+HO ₂ =>prod_2	
184 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	6.7709E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH	
$ 185 > [propen1ol]propen1ol + H = > C_3H_6 + OH> [C_3H_6]$	3.3984E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
186 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00051832
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ = $>$ ipropyloo	
>[ipropyloo]ipropyloo+HO ₂ =>ipropylooh+O ₂	
187 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	9.6659E-05
188 >[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	2.9929E-05
$[OH]C_3H_8 + OH = \text{ipropyl} + H_2O \text{[ipropyl]}O_2 + \text{ipropyl} = \text{>} HO_2 + C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
$ 189 \rangle $ $ (vinoxy) vinoxy + O2 = > CH2O + CO + OH > [CO]$	0.00011855
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide	
190 >[propoxide]	2.86E-05

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
	>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
191	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00043712
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+H=>C_2H_4+CH_3>[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2$	
192	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00016431
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
193	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00100219
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
194	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00075452
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]H+C_3H_6=>npropyl>[npropyl]npropyloo+HO_2=>npropylooh+O_2$	
195	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00010466
133	$[OH]C_3H_8+OH=>npropyl+H_2O$	0.00010400
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
196	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00044262
130	$[OH]C_3H_8 + OH = > npropy + H_2O - > [npropy]O_2 + npropy = > HO_2 + C_3H_6$	0.00011202
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide	
197	>[propoxide]	2.7407E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]C_3H_6+H=>allyl+H_2>[allyl]allyl+HO_2=>prod_2$	
198	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	6.0233E-05
	u = = =	1.32032 00

	$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
199	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00010541
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh>[allyl]allyl+HO_2=>prod_2$	
200	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	0.00013342
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]O ₂ +ipropyl=>OH+propoxide	
201	>[propoxide]	2.5985E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O$	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
202	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00088822
	$[OH]C_3H_8 + OH = \text{Npropyl} + H_2O - \text{Npropyl} = \text{Npropyl} + \text{Npropyl} = Np$	0.00000022
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O>[HCO]HCO+O ₂ =>formylperoxy	
	>[formylperoxy]C ₃ H ₈ +formylperoxy=>npropyl+formylooh	
203	>[formylooh]formylooh=>formyloxy+OH>[formyloxy]	9.9112E-05
203	[OH] $C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	3.31121 03
	$>[C_3H_6]H+C_3H_6=>ipropyl>[ipropyl]ipropyloo=>OH+propoxide$	
204	>[propoxide]	2.4118E-05
201	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	2.11102 00
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo=>OH+propoxide	
205	>[propoxide]	2.4444E-05
	[OH]C₃H ₈ +OH=>npropyl+H₂O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
206	>[CH ₃ O]	0.00103131

[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo=>QOOH_3	
207 >[QOOH_3]QOOH_3=>OH+propoxide>[propoxide]	2.3638E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
$>$ [ipropyl] O_2 +ipropyl= $>$ H O_2 + C_3 H $_6$ $>[C_3$ H $_6$] C_3 H $_6$ +H O_2 = $>$ propen1ol+OH	
208 >[propen1ol]	5.858E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ npropyl	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
209 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	8.103E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₂ O+HO ₂ =>HCO+H ₂ O ₂ >[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]CH ₂ O+formylperoxy=>HCO+formylooh	
210 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	9.673E-05
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
211 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00190173
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +CH ₃ CH ₂ OO=>allyl+CH ₃ CH ₂ OOH>[allyl]allyl+HO ₂ =>prod_2	0.000110
212 > [prod_2]prod_2=>allyloxy+OH>[allyloxy]	0.00011869

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
213	>[CH ₃ O]	0.00257855
	[OHIC H. (OHE) ppropulate O. S. [ppropulated] 1-340 uprod 2	
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>formylethyl	
21/	>[formylethyl]formylethyl= $>$ C ₂ H ₄ +HCO $>$ [C ₂ H ₄]C ₂ H ₄ +OH= $>$ CH ₂ CH ₂ OH	8.7961E-05
214	$ \begin{array}{l} > [\text{CH}_2\text{CH}_2\text{OH}] \text{O}_2\text{C}_2\text{H}_4\text{OH} => \text{OH} + \text{CH}_2\text{O} + \text{CH}_2\text{O}> [\text{CH}_2\text{O}]} \\ [\text{OH}] \text{C}_3\text{H}_8 + \text{OH} => \text{npropyl} + \text{H}_2\text{O}> [\text{npropyl}] \text{npropyloo} => \text{HO}_2 + \text{C}_3\text{H}_6 \\ \end{array} $	8.7901L-03
215	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo=>OH+propoxide	2 10015 05
215	>[propoxide] $[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>HO_2+prod_2$	2.1801E-05
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H>[acrolein]acrolein+npropyloo=>CH ₂ CHCO+npropylooh	
216	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00017853
210	$ OH C_3H_8 + OH = Npropyl + H_2O - Npropyl Well_1 = OH + prod_1 - OH OH$	0.00017833
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
217	>[acetaldehyde]acetaldehyde+OH=>vinoxy+H ₂ O	0.00034819
217	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00034819
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
240	>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl- $>$ [ipropyl]O ₂ +ipropyl= $>$ HO ₂ +C ₃ H ₆ - $>$	2 16005 05
218	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide>[propoxide]	2.1608E-05

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
219	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	8.7213E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>C ₂ H ₃ +CH ₂ O	
220	$>[C_2H_3]C_2H_3+O_2=>O+vinoxy>[vinoxy]vinoxy+O_2=>CH_2O+CO+OH>[CO]$	8.9623E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]acetylperoxy+HO ₂ =>CH ₃ CO ₃ H+O ₂	
221	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	0.0001654
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+ipropyloo=>CH ₂ CHCO+ipropylooh	
222	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00014384
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆	
223	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH>[propen1ol]	2.2705E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
224	>[CH ₃ O]	0.00175815

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
225	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00146278
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl	
226	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00099995
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
227	>[CH ₃ O]	0.00102427
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	> <mark>[ipropyl]</mark> ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
228	>[npropyl]well_1=>OH+prod_1>[prod_1]	0.00033781
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[<mark>ipropyl]</mark> ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
229	>[frag_1]	0.00033788
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
230	>[CO]	0.00033775

	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
231	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	8.0316E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2	
	>[QOOH_2]well_2=>HO ₂ +prod_2>[prod_2]prod_2=>allyloxy+OH	
232	>[allyloxy]	7.0171E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>allyloxy+OH	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
233	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	8.1532E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
234	>[CH ₃ O]	0.00024511
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
235	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.0001202
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>prod_2$	
226	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>C ₂ H ₃ +CH ₂ O	7 70005 05
230	$ (C_2H_3)C_2H_3+O_2 > O+vinoxy>[vinoxy]vinoxy+O_2 > CH_2O+CO+OH>[CO] $	7.7889E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH$	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
237	->[CH ₃ O]	0.00026525
237	[[[[]]]]	5.5552525

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[ipropyl]ipropyloo=>QOOH_3>[QOOH_3]QOOH_3=>OH+propoxide	
238	>[propoxide]	3.8956E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
239	>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O>[HCO]HCO+HO ₂ =>CO ₂ +OH+H>[CO ₂]	3.8379E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	$>[vinoxy]vinoxy+O_2=>CH_2O+CO+OH>[CH_2O]CH_2O+HO_2=>HCO+H_2O_2$	
240	>[HCO]HCO+O ₂ =>CO+HO ₂ >[CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	7.7465E-05
210	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	7.7 1032 03
	>[C ₃ H ₆]C ₃ H ₆ +ipropyloo=>allyl+ipropylooh	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
2.41	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	0.00030856
241	>[CH ₃ O]	0.00029856
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ -	
	$->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>prod 2$	
242	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	0.00016398
	$[OH]C_3H_8 + OH = \text{ipropyl} + H_2O - \text{[ipropyl]ipropyloo} = \text{>HO}_2 + C_3H_6 - \text{ Ipropyloo}$	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
	>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
243	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.0001588

OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
244 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00038114
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]O ₂ +npropyl=>OH+propoxide	
245 >[propoxide]	1.8005E-05
$[OH]C_3H_8 + OH = > npropyl + H_2O> [npropyl] npropyloo => HO_2 + C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$ (C_3H_6)C_3H_6 + HO_2 = propen1ol + OH>[propen1ol] $	2.0111E-05
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]C3H6+HO2=>allyl+H2O2	
247 >[allyl]allyl+HO ₂ =>allyloxy+OH>[allyloxy]	7.731E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>allyloxy+OH$	
248 >[allyloxy]	3.498E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +npropyloo=>allyl+npropylooh	
249 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00013688
$[OH]C_3H_8 + OH = \text{propyl} + H_2O> [npropyl] \text{well} = 1 = \text{propyl}> [npropyl] \text{mod} = 1> [npropyl] \text{mod} $	
>[prod 1]prod 1=>frag 1+OH>[frag 1]frag 1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₂ O+O=>HCO+OH	
250 >[HCO]	7.4389E-05
$\frac{[OH]C_3H_8+OH=>ipropyl+H_2O}{[OH]C_3H_8+OH=>ipropyl+H_2O}$	7.13032 03
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH >[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
>[acetyl]acetylperoxy+HO ₂ =>CH ₃ CO ₃ H+O ₂	0.00012000
251 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	0.00013969

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
252	>[ipropyl]ipropyloo=>OH+propoxide>[propoxide]	3.465E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +O=>ketene+CH ₃ +H>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
253	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	9.0553E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
254	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH>[propen1ol]	1.9521E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
255	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00023806
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +CH ₃ OO=>allyl+CH ₃ OOH>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
256	>[CH ₃ O]	0.00010931
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyl+HO ₂ =>ipropyloxy+OH	
257	>[ipropyloxy]	4.7482E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyl+HO ₂ =>npropyloxy+OH	
258	>[npropyloxy]	5.0352E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₂ O+HO ₂ =>HCO+H ₂ O ₂ >[HCO]HCO+O ₂ =>formylperoxy	
	>[formylperoxy]C ₃ H ₈ +formylperoxy=>ipropyl+formylooh	
259	>[formylooh]formylooh=>formyloxy+OH>[formyloxy]	6.8322E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	> <mark>[ipropyl]</mark> ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	> <mark>[ipropylooh]</mark> ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]H ₂ O ₂ +acetylperoxy=>HO ₂ +CH ₃ CO ₃ H	
260	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	0.00013549

	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
261	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00051606
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>HO_2+prod_2$	
	>[prod 2]prod 2=>allyloxy+OH>[allyloxy]allyloxy=>C ₂ H ₄ +HCO	
	$>[C_2H_4]C_2H_4+OH=>CH_2CH_2OH$	
262	>[CH ₂ CH ₂ OH]O ₂ C ₂ H ₄ OH=>OH+CH ₂ O+CH ₂ O>[CH ₂ O]	6.5014E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+CH ₃ OO=>allyloxy+CH ₃ O	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
263	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00012584
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +ipropyloo=>allyl+ipropylooh	
264	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.0001056
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]H+C_3H_6=>npropyl>[npropyl]npropyloo+HO_2=>npropylooh+O_2$	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
265	>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	0.00012008
203	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00012008
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
266	>[CH ₃ O]	0.00011807
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	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
	>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
267	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00012206
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>npropyl$	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
268	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00010685
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
	>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
269	>[CH ₃ O]	0.00020669
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
270	>[CH ₃ O]	0.00166413
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+CH ₂ O=>ipropylooh+HCO	
271	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	8.993E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+npropyloo=>CH ₂ CHCO+npropylooh	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
272	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00012741

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$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O	-
->[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
273 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.0009224
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
274 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	7.5833E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
275 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00044256
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
276 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00185391
>[C ₃ H ₆]C ₃ H ₆ +npropyloo=>allyl+npropylooh	
277 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00012138
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide	
278 >[propoxide]	3.0662E-05

$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
279 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00033494
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H	
$280 \left -> \left[C_3 H_6 \right] C_3 H_6 + HO_2 = > propen1ol + OH> \left[propen1ol \right]$	0.00014779
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
281 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00032937
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂ >[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
282 >[CH ₃ O]	0.00010515
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \end{array} \end{array} \end{array} \\ \begin{array}{c} \begin{array}{c} \\ \end{array} \end{array} \\ \begin{array}{c} \\ \end{array} \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \end{array} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \\ \end{array} \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \\ \end{array} \\ \\ \\ \\ \end{array} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \end{array} \\$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
$ $ $ $ $ $ $ $ $ $ $ $ $ $ $ $ $ $	-
283 >[propen1ol]	3.4364E-05
$[OH]C_3H_8 + OH = > npropyl + H_2O> [npropyl]npropyloo = > HO_2 + C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +CH ₃ OO=>allyl+CH ₃ OOH>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
284 >[CH ₃ O]	9.7212E-05

[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
285 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00069448
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	-
$->[C_3H_6]HO_2+C_3H_6=>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide$	
286 >[propoxide]	5.893E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+acetylperoxy=>acetyl+CH ₃ CO ₃ H	
287 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	6.0978E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]O ₂ +ipropyl= $>$ HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
288 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	2.9956E-05
$[OH]C_3H_8 + OH = > npropyl + H_2O> [npropyl]O_2 + npropyl = > HO_2 + C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>allyloxy+OH	
289 >[allyloxy]	3.0464E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+OH=>CH ₂ CHCO+H ₂ O	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
290 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	5.9146E-05

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>ipropyl$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
291	>[CH ₃ O]	9.6161E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
292	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00040806
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
293	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00011722
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
294	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00038692
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+CH ₂ O=>ipropylooh+HCO	
295	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	8.0017E-05
	$ [OH]C_3H_8 + OH = > npropyl + H_2O - > [npropyl]npropyloo = > HO_2 + C_3H_6 - $	
	$>[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh$	
296	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	9.3574E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H	
297	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	0.00011756

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>QOOH_3	
298	>[QOOH_3]well_3=>well_5>[well_5]well_5=>OH+prod_3>[prod_3]	4.6839E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>QOOH_3$	
	>[QOOH_3]well_3=>well_5>[well_5]well_5=>OH+prod_3	
299	>[prod_3]prod_3=>frag_3+OH>[frag_3]	4.6891E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>QOOH_3	
	>[QOOH_3]well_3=>well_5>[well_5]well_5=>OH+prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
300	>[prod_3]prod_3=>frag_3+OH>[frag_3]	3.9638E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
301	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00051591
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H	
	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH	
	>[acetyloxy]acetyloxy+M=>CH ₃ +CO ₂ +M	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
302	>[CH ₃ O]	0.00041433
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>prod_2$	
	>[prod 2]prod 2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH2CHCO]CH2CHCO=>C2H3+CO>[C2H3]C2H3+O2=>O+vinoxy	
303	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	5.8134E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆ +npropyloo=>allyl+npropylooh	
304	>[allyl]allyl+HO ₂ =>allyloxy+OH>[allyloxy]	6.5497E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>HO_2+prod_2$	
	>[prod 2]prod 2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+ipropyloo=>CH ₂ CHCO+ipropylooh	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
305	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00010906

		I
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy+O ₂ =>acrolein+HO ₂	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
306	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	5.4534E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
307	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00087371
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
	>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
308	>[CH ₃ O]	0.00018336
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>allyloxy+OH	
	>[allyloxy]allyloxy=>acrolein+H	
200	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	6 65755 65
309	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	6.6575E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>QOOH_3	
240	>[QOOH_3]well_3=>well_5>[well_5]well_5=>well_3	4 20425 05
310	>[well_3]QOOH_3=>OH+propoxide>[propoxide]	1.2913E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH >[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O>[C ₂ H ₅]C ₂ H ₅ +O ₂ =>C ₂ H ₄ +HO ₂	
311	$>[C_2H_4]C_2H_4+HO_2=>oxirane+OH>[oxirane]$	2.7282E-05
311	- [- 2 14 1 -2 -> -> -> -> -> -> -> -	2., 2021 03

	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)	
	>[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
312	>[CH ₃ O]	0.00047257
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	$>[npropyloxy]npropyloxy=>C_2H_5+CH_2O>[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2$	
	$>[C_2H_4]C_2H_4+OH=>CH_2CH_2OH$	
313	>[CH ₂ CH ₂ OH]O ₂ C ₂ H ₄ OH=>OH+CH ₂ O+CH ₂ O>[CH ₂ O]	0.00016167
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>QOOH_3	
314	>[QOOH_3]well_3=>OH+prod_4>[prod_4]	6.2901E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>QOOH_3	
	>[QOOH_3]well_3=>OH+prod_4>[prod_4]prod_4=>frag_4+OH	
315	>[frag_4]	6.2839E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
316	$>[C_3H_6]C_3H_6+O=>allyl+OH>[allyl]$	6.5759E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]C_3H_6+O=>allyl+OH>[allyl]allyl+HO_2=>prod_2$	
317	>[prod 2]prod 2=>allyloxy+OH>[allyloxy]	2.5165E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
318	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00045575
310		0.000 10070
	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
310	>[npropyloxy]npropyloxy= $>$ C ₂ H ₅ +CH ₂ O $>$ [C ₂ H ₅]CH ₃ CH ₂ OO= $>$ C ₂ H ₄ +HO ₂ $>$ [C H 1C H +HO = $>$ 0virane+OH- $>$ [ovirane]	2.73E-05
313	>[C ₂ H ₄]C ₂ H ₄ +HO ₂ =>oxirane+OH>[oxirane]	Z./3L-U3

$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
320 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00034699
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>QOOH_3	
>[QOOH_3]well_3=>well_5>[well_5]well_5=>OH+prod_3	
>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
321 >[prod_3]prod_3=>frag_3+OH>[frag_3]	2.5726E-05
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
->[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
322 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00062722
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]C ₃ H ₈ +formylperoxy=>npropyl+formylooh	
323 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	9.9111E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
324 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00031853

$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
325 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00055797
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +CH ₃ OO=>allyl+CH ₃ OOH>[allyl]allyl+HO ₂ =>allyloxy+OH	
326 >[allyloxy]	5.5797E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ C)_
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
327 >[CH ₃ O]	0.00034631
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
328 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00030796
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
329 >[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide>[propoxide]	1.235E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₂ O+HO ₂ =>HCO+H ₂ O ₂	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]CH ₂ O+formylperoxy=>HCO+formylooh	
330 <mark>>[formylooh]</mark> formylooh=>formyloxy+OH>[formyloxy]	9.6751E-05

[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
331 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00043047
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl	
332 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00038548
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
$ S_{2} > C_{3}H_{6} C_{3}H_{6}+H=> allyl+H_{2}>[allyl]allyl+HO_{2}=> allyloxy+OH>[allyloxy]$	2.5501E-05
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	4.7096E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_3	
>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
335 >[prod_3]prod_3=>frag_3+OH>[frag_3]	1.6334E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>allyloxy+OH	
>[allyloxy]allyloxy= $>$ C ₂ H ₃ +CH ₂ O $>$ [C ₂ H ₃]C ₂ H ₃ +O ₂ = $>$ O+vinoxy	
336 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	4.6788E-05

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	> <mark>[ipropyl]</mark> ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	> <mark>[ipropylooh]</mark> ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl	
337	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00031126
	OHC3H8+OH=>npropyl+H2O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	$[npropyloxy]$ npropyloxy= $C_2H_5+CH_2O>[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2$	
338	$>[C_2H_4]C_2H_4+HO_2=>oxirane+OH>[oxirane]$	4.6776E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
	> <mark>[CH₂O]</mark> npropyloo+CH ₂ O=>npropylooh+HCO	
339	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.0002935
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>npropyl>[npropyl]O_2+QOOH_1=>OH+OH+frag_1$	
340	>[frag_1]	3.7573E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +CH ₃ CH ₂ OO=>allyl+CH ₃ CH ₂ OOH	
341	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	9.5674E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	> <mark>[ipropyl]</mark> ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	> <mark>[ipropylooh]</mark> ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)	
	>[CH ₃]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
342	> <mark>[CH₃OOH]</mark> CH ₃ OOH=>CH ₃ O+OH> [CH₃O]	0.00020336

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde	
	>[acetaldehyde]acetaldehyde+OH=>vinoxy+H ₂ O	
343	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00035012
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
344	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00039027
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+npropyloo=>CH ₂ CHCO+npropylooh	
345	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	7.1572E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ -	
346	->[C3H6]C3H6+OH=>allyl+H2O>[allyl]allyl+HO2=>allyloxy+OH>[allyloxy]	0.00010415
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
247	>[npropyloxy]npropyloxy= $>$ C ₂ H ₅ +CH ₂ O $>$ [C ₂ H ₅]CH ₃ CH ₂ OO= $>$ C ₂ H ₄ +HO ₂ $>$ [C ₄ H ₁ C ₄ H ₂ C ₄ H ₂ OO= $>$ C ₂ H ₄ +HO ₂ $>$ [C ₄ H ₅ C ₄ C ₄ H ₂ OO= $>$ C ₂ H ₄ +HO ₂ $>$ [C ₄ H ₅ C ₄ C ₄ C ₅	1 6012F 0F
34/	>[C ₂ H ₄]C ₂ H ₄ +HO ₂ =>oxirane+OH>[oxirane]	4.6942E-05

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>[C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>prod_2$	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>C ₂ H ₃ +CH ₂ O	
$348 > [C_2H_3]C_2H_3 + O_2 = > O + vinoxy - > [vinoxy]vinoxy + O_2 = > CH_2O + CO + OH> [CO]$	
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
349 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00037713
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
350 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00010189
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>allyloxy+OH	
>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO=>C ₂ H ₃ +CO>[C ₂ H ₃]C ₂ H ₃ +O ₂ =>O+vinoxy	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	4.3399E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
352 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00061375
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆	
$ S_3 > [C_3H_6]HO_2 + C_3H_6 = > OH + propoxide> [propoxide]$	1.1026E-05

[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
354 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.0002916
	_1-
->[frag_1]frag_1=>vinoxy+CH ₂ O>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+H	CO-
355 ->[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00016413
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
356 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.0003771
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]H+C ₃ H ₆ = $>$ npropyl $>$ [npropyl]QOOH_1= $>$ QOOH_2	
357 >[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	1.0734E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]H ₂ O ₂ +acetylperoxy=>HO ₂ +CH ₃ CO ₃ H	
>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH	
>[acetyloxy]acetyloxy+M=>CH ₃ +CO ₂ +M	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
358 >[CH ₃ O]	0.00012706
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
359 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	3.4365E-05

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
360	>[CH ₃ O]	0.00105021
361	>[prod_3]	3.7808E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>OH+prod_3	
262		3.7806E-05
362	>[prod_3]prod_3=>frag_3+OH>[frag_3]	3.78U6E-U5
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>OH+prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
363	>[prod_3]prod_3=>frag_3+OH>[frag_3]	3.1987E-05
	$[OH]C_3H_8 + OH = \sum_{i=1}^{n} (OH)^2 + OH $	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
364	>[HCO]HCO+O ₂ =>CO+HO ₂ >[CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	4.2714E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>ipropyl$	
	>[ipropyl]ipropyloo+npropyloo=>ipropyloxy+npropyloxy+O ₂	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
365	>[CH ₃ O]	0.00015481
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
366	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00145659

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ = $>$ ipropyloo $>$ [ipropyloo]ipropyloo= $>$ HO ₂ +C ₃ H ₆	
$ S_{67} > [C_3H_6]C_3H_6 + HO_2 = S_7 > [propen1ol]$	1.2118E-05
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O	_
->[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
368 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00098063
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
369 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00030186
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetylperoxy+HO ₂ =>CH ₃ CO ₃ H+O ₂	
>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH	
>[acetyloxy]acetyloxy+M=>CH ₃ +CO ₂ +M	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
370 >[CH ₃ O]	0.00017491

		-
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
371	>[CH ₃ O]	0.00031972
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
372	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide>[propoxide]	1.0738E-05
	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
373	>[ipropyl]O ₂ +ipropyl=>OH+propoxide>[propoxide]	2.0249E-05
	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
374	>[CH ₃ O]	0.00059591
	Consolution	
	>[QOOH_3]well_3=>HO ₂ +prod_7>[prod_7]prod_7=>propen2oxy+OH	
375	>[propen2oxy]	3.2179E-05
0,0	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	0.22,02 00
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl->[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH 2>[QOOH 2]QOOH 2=>OH+propoxide	
376	>[propoxide]	1.0547E-05
370	> [propoxide]	1.05471 05
	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>OH+prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
	>[prod 3]prod 3=>frag 3+OH>[frag 3]frag 3+OH=>prod 3	
377	>[prod_3]prod_3=>frag_3+OH>[frag_3]	2.0724E-05
	[_ 1 - 1	

>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
378 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00099854
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2	
379 >[QOOH_2]well_2=>OH+prod_5>[prod_5]	2.1087E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2	
>[QOOH_2]well_2=>OH+prod_5>[prod_5]prod_5=>frag_5+OH	
380 >[frag_5]	2.1084E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +CH ₃ CH ₂ OO=>allyl+CH ₃ CH ₂ OOH	
381 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	8.5213E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH	
382 >[propen1ol]	4.8641E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
383 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	4.189E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
384 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	3.0616E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[HCO]HCO+O ₂ =>CO+HO ₂	
385 >[CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	4.0094E-05

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	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₂ O+HO ₂ =>OCH ₂ OOH>[OCH ₂ OOH]OCH ₂ OOH=>CH ₂ O+HO ₂	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
386	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00011398
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
387	$>[C_3H_6]C_3H_6+H=>allyl+H_2>[allyl]allyl+HO_2=>allyloxy+OH>[allyloxy]$	2.2662E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
	>[ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +HO ₂ = $>$ propen1ol+OH	
388	>[propen1ol]	4.6648E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
389	>[CH ₃ O]	0.00102326
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>npropyl$	
	>[npropyl]npropyloo+CH ₂ O=>npropylooh+HCO	
390	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	6.5703E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
391	>[npropyl]npropyloo=>OH+propoxide>[propoxide]	4.2389E-05

	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ -	
392	$->[C_3H_6]HO_2+C_3H_6=>OH+propoxide>[propoxide]$	7.7428E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]H ₂ O ₂ +acetylperoxy=>HO ₂ +CH ₃ CO ₃ H	
393	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	0.00015853
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O	
394	>[HCO]HCO+HO ₂ =>CO ₂ +OH+H>[CO ₂]	3.8271E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy= $>$ C ₂ H ₅ +CH ₂ O $>$ [C ₂ H ₅]C ₂ H ₅ +O ₂ = $>$ oxirane+OH	
395	>[oxirane]	2.2391E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
396	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00024781

[OH]C ₃ H ₄ +OH=>ipropyl+H ₂ O >[ipropylooh]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl >[ipropylooh]ipropylooh=>ipropylooh+ipropyl >[ipropylooh]ipropylooh=>ipropylooh- >[ipropylooh]ipropylooh=>ipropylooh- >[ipropylooh]ipropylooh=>ipropyl >[CH ₃ CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl >[CH ₃ CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH->[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M >[CH ₃ OH]CH ₃ CH ₃ OO+CH ₃ O=>cH ₃ CH ₃ OOH+CO 397 >[CH ₃ CH ₃ OOH]CH ₃ CH ₃ OOH=>cHo ₃ O+M->[cethoxy]			
Cipropylooh]ipropylooh=>ipropyloxy+OH Sipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde Sipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde Sipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde Sipropyloxy CH ₃ CH ₂ OOH=>CH ₃ OHOH->[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M Sigropyloh]CH ₃ CH ₂ OOH=>CH ₃ CH ₂ OOH+CO Sigropyloh]CH ₂ CH ₂ OH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]			
CH_3CH_3CO+Ch_3H_8=>CH_3COH+ipropyl- CH_3CH_3CO+Ch_3CH_3CD+CH_3CH_3CD+CH_3CD+CH_3CD+CH_3CD+CH_3CD+CH_3CD+CH_3CD+CD+CD+CD+CD+CD+CD+CD+CD+CD+CD+CD+CD+C			
CH ₃ CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl- CH ₂ OOH CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M CH ₂ O CH ₃ CH ₂ OOH CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]			
CH3OH]CH3OOH=>CH3O+OH->[CH3O]CH3O+M=>CH2O+H+M CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO CH3CH2OOH]CH3CH2OOH=>ethoxy+OH>[ethoxy]			
S[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=SCH ₃ CH ₂ OOH+HCO S[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=Sethoxy+OHS[ethoxy]			
397 \(CH_3CH_2OOH CH_3CH_2OOH = \text{>ethoxy} \)			
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O->[npropyl]npropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]H+C ₃ H ₆ =>npropyl> {[npropyl]npropyloo+CH ₂ O=>npropylooh+HCO> {[npropyl]npropylooh=>npropyloxy+OH->[npropyloxy]} 5.8152E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O> {[npropyl]npropylooh=>npropyloxy+OH->[npropyloxy]} 5.8152E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O> {[npropyl]npropylooh=>npropylooh+ipropyl> {[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆ > {[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ > {[allyl]allyl+HO ₂ =>allyloxy+OH>[allyloxy]} 3.7751E-05 [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆ > {[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>allyloxy+OH> {[allyloxy]allyloxy=>acrolein+H> {[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂ > {[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂ > {[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂ > {[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1> {[prod_1]prod_1=>rfag_1+OH>[frag_1]frag_1=>OH+prod_1> {[prod_1]prod_1=>rfag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O> {[CH ₂ O]ipropyloo+CH ₂ O=>ipropyloxy+OH> {[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde> {[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ > {[acetyl]acetyl(+M)=>CH ₃ OO+H+CO> [CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH> {[CH ₃ O]} (O.00066176 [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ > {[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>O ₂ +ipropyl> {[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂ > {[ipropyl]ipropylooh+O ₂ > {[ipropyl]ipropylooh+HO ₂ =>ipropylooh+O ₂ > {[ipropyl]ipropylooh+O ₂ > {[ipropyl]ipropylooh+O ₂ > {[ipropyl]ipropylooh+O ₂ > {[ipropyl]ipropylooh+O ₂			
S[C ₃ H ₆ H+C ₃ H ₆ =>npropyl	39/		0.00033565
Section Sect			
398 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy] [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O >[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl >[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ 399 >[allyl]allyl+HO ₂ =>prod_2>[prod_2]prod_2=>allyloxy+OH>[allyloxy] [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>allyloxy+OH >[allyloxy]allyloxy=>acrolein+H >[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂ >[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂ 400 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO] [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO >[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde >[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]acetyl(+M)=>CH ₃ +CO(+M) >[CH ₃ O] [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>O ₂ +ipropyl >[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂		>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl	
$ [OH]C_3H_8+OH=>npropyl+H_2O\\ > [npropyl]O_2+ipropylo+C_3H_8=>npropylooh+ipropyl\\ > [ipropyl]O_2+ipropyl=>HO_2+C_3H_6>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2\\ > [allyl]allyl+HO_2=>prod_2>[prod_2]prod_2=>allyloxy+OH>[allyloxy] 3.7751E-05 $		>[npropyl]npropyloo+CH ₂ O=>npropylooh+HCO	
$ \begin{array}{l} > [npropyl] npropyloo+C_3H_8 = npropylooh+ipropyl\\ > [ipropyl]O_2+ipropyl] > HO_2+C_3H_6>[C_3H_6]C_3H_6+HO_2 = allyl+H_2O_2\\ 399 > [allyl] allyl+HO_2 = prod_2>[prod_2] prod_2 = allyloxy+OH>[allyloxy] \\ \hline [OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6\\ > [C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl] allyl+HO_2 = allyloxy+OH\\ > [allyloxy] allyloxy=>acrolein+H\\ > [acrolein] acrolein+HO_2 = > CH_2CHCO+H_2O_2\\ > [CH_2CHCO]CH_2CHCO+O_2 = vinoxy+CO_2\\ 400 > [vinoxy]vinoxy+O_2 = > CH_2O+CO+OH>[CO] \\ \hline [OH]C_3H_8+OH=>npropyl+H_2O>[npropyl] well_1 = > OH+prod_1\\ > [prod_1] prod_1 = prag_1+OH>[rag_1] frag_1 = vinoxy+CH_2O\\ > [ipropyloxy] ipropyloo+CH_2O=>ipropylooh+HCO\\ > [ipropyloxy] ipropylooh=>ipropyloxy+OH\\ > [ipropyloxy] ipropyloxy=>CH_3+acetaldehyde\\ > [acetaldehyde] acetaldehyde+HO_2=>acetyl+H_2O_2\\ > [acetyl] acetyl(+M)=>CH_3+CO(+M)\\ > [CH_3]CH_3OO+CH_2O=> CH_3OOH+HCO>[CH_3OOH]CH_3OOH=> CH_3O+OH\\ 401 > [CH_3O] \\ \hline [OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl] ipropyloo=> HO_2+C_3H_6\\ > [C_3H_6]HO_2+C_3H_6=>O_2+ipropyl\\ > [ipropyl] ipropyloo+HO_2=>ipropylooh+O_2\\ \hline \end{array}$	398	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	5.8152E-05
$ \begin{array}{l} > [npropyl] npropyloo+C_3H_8 = npropylooh+ipropyl\\ > [ipropyl]O_2+ipropyl] > HO_2+C_3H_6>[C_3H_6]C_3H_6+HO_2 = allyl+H_2O_2\\ 399 > [allyl] allyl+HO_2 = prod_2>[prod_2] prod_2 = allyloxy+OH>[allyloxy] \\ \hline [OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6\\ > [C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl] allyl+HO_2 = allyloxy+OH\\ > [allyloxy] allyloxy=>acrolein+H\\ > [acrolein] acrolein+HO_2 = > CH_2CHCO+H_2O_2\\ > [CH_2CHCO]CH_2CHCO+O_2 = vinoxy+CO_2\\ 400 > [vinoxy]vinoxy+O_2 = > CH_2O+CO+OH>[CO] \\ \hline [OH]C_3H_8+OH=>npropyl+H_2O>[npropyl] well_1 = > OH+prod_1\\ > [prod_1] prod_1 = prag_1+OH>[rag_1] frag_1 = vinoxy+CH_2O\\ > [ipropyloxy] ipropyloo+CH_2O=>ipropylooh+HCO\\ > [ipropyloxy] ipropylooh=>ipropyloxy+OH\\ > [ipropyloxy] ipropyloxy=>CH_3+acetaldehyde\\ > [acetaldehyde] acetaldehyde+HO_2=>acetyl+H_2O_2\\ > [acetyl] acetyl(+M)=>CH_3+CO(+M)\\ > [CH_3]CH_3OO+CH_2O=> CH_3OOH+HCO>[CH_3OOH]CH_3OOH=> CH_3O+OH\\ 401 > [CH_3O] \\ \hline [OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl] ipropyloo=> HO_2+C_3H_6\\ > [C_3H_6]HO_2+C_3H_6=>O_2+ipropyl\\ > [ipropyl] ipropyloo+HO_2=>ipropylooh+O_2\\ \hline \end{array}$			
		$[OH]C_3H_8+OH=>npropyl+H_2O$	
399		>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
$ [OH]C_3H_8+OH=>ipropyl+H_2O->[ipropyl]O_2+ipropyl=>HO_2+C_3H_6 \\ > [C_3H_6]C_3H_6+OH=>allyl+H_2O->[allyl]allyl+HO_2=>allyloxy+OH \\ > [allyloxy]allyloxy=>acrolein+H \\ > [acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2 \\ > [CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2 \\ 400 > [vinoxy]vinoxy+O_2=>CH_2O+CO+OH>[CO] \\ [OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1 \\ > [prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH_2O \\ > [ipropylooh]ipropylooh=>ipropyloxy+OH \\ > [ipropylooh]ipropylooh=>ipropyloxy+OH \\ > [ipropyloxy]ipropyloxy=>CH_3+acetaldehyde \\ > [acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2 \\ > [acetyl]acetyl(+M)=>CH_3CO+M) \\ > [CH_3O] \\ [OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6 \\ > [C_3H_6]HO_2+C_3H_6=>O_2+ipropyl \\ > [ipropyl]ipropyloo+HO_2=>ipropylooh+O_2 \\ $		$>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
$ > [C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H>[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2>[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2>[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2>[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH_2O>[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO>[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde>[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2>[acetyl]acetyl(+M)=>CH_3OOH+HCO>[CH_3OOH]CH_3OOH=>CH_3O+OH>[CH_3O]$ 0.00066176 $	399	>[allyl]allyl+HO ₂ =>prod_2>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	3.7751E-05
$ > [allyloxy]allyloxy=>acrolein+H \\ > [acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2 \\ > [CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2 \\ 400 > [vinoxy]vinoxy+O_2=>CH_2O+CO+OH>[CO] \\ [OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1 \\ > [prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH_2O \\ > [CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO \\ > [ipropylooh]ipropylooh=>ipropyloxy+OH \\ > [ipropyloxy]ipropyloxy=>CH_3+acetaldehyde \\ > [acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2 \\ > [acetyl]acetyl(+M)=>CH_3+CO(+M) \\ > [CH_3O] \\ [OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6 \\ > [C_3H_6]HO_2+C_3H_6=>O_2+ipropyl \\ > [ipropyl]ipropyloo+HO_2=>ipropylooh+O_2 \\ $		$ [OH]C_3H_8 + OH = > ipropyl + H_2O > [ipropyl]O_2 + ipropyl = > HO_2 + C_3H_6$	
		>[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>allyloxy+OH	
$ \begin{array}{lll} > [CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2\\ 400 & > [vinoxy]vinoxy+O_2=>CH_2O+CO+OH>[CO] \\ \hline \\ [OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1\\ > [prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH_2O\\ > [CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO\\ > [ipropylooh]ipropylooh=>ipropyloxy+OH\\ > [ipropyloxy]ipropyloxy=>CH_3+acetaldehyde\\ > [acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2\\ > [acetyl]acetyl(+M)=>CH_3+CO(+M)\\ > [CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO>[CH_3OOH]CH_3OOH=>CH_3O+OH\\ > [CH_3O] & 0.00066176 \\ \hline \\ [OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6\\ > [C_3H_6]HO_2+C_3H_6=>O_2+ipropyl\\ > [ipropyl]ipropyloo+HO_2=>ipropylooh+O_2\\ \hline \end{array} $		>[allyloxy]allyloxy=>acrolein+H	
$ \begin{array}{c} 400 \\ > [vinoxy]vinoxy+O_2=>CH_2O+CO+OH>[CO] \\ \hline \\ [OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1\\ > [prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH_2O\\ > [CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO\\ > [ipropylooh]ipropylooh=>ipropyloxy+OH\\ > [ipropyloxy]ipropyloxy=>CH_3+acetaldehyde\\ > [acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2\\ > [acetyl]acetyl(+M)=>CH_3+CO(+M)\\ > [CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO>[CH_3OOH]CH_3OOH=>CH_3O+OH\\ 401 > [CH_3O] \\ \hline \\ [OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6\\ > [C_3H_6]HO_2+C_3H_6=>O_2+ipropyl\\ > [ipropyl]ipropyloo+HO_2=>ipropylooh+O_2\\ \hline \end{array} $		>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO >[ipropylooh]ipropylooh=>ipropyloxy+OH >[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde >[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]acetyl(+M)=>CH ₃ +CO(+M) >[CH ₃ CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH 401>[CH ₃ O] [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>O ₂ +ipropyl >[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂		>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
$ > [prod_1]prod_1 = > frag_1 + OH> [frag_1]frag_1 = > vinoxy + CH_2O \\ > [CH_2O]ipropyloo + CH_2O = > ipropylooh + HCO \\ > [ipropylooh]ipropylooh = > ipropyloxy + OH \\ > [ipropyloxy]ipropyloxy = > CH_3 + acetaldehyde \\ > [acetaldehyde]acetaldehyde + HO_2 = > acetyl + H_2O_2 \\ > [acetyl]acetyl(+M) = > CH_3 + CO(+M) \\ > [CH_3]CH_3OO + CH_2O = > CH_3OOH + HCO> [CH_3OOH]CH_3OOH = > CH_3O+OH \\ > [CH_3O] $	400	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	3.8746E-05
$ > [CH_2O] i propyloo+CH_2O => i propylooh+HCO \\ > [i propylooh] i propylooh=> i propyloxy+OH \\ > [i propyloxy] i propyloxy=> CH_3+acetaldehyde \\ > [acetaldehyde] acetaldehyde+HO_2=> acetyl+H_2O_2 \\ > [acetyl] acetyl(+M)=> CH_3+CO(+M) \\ > [CH_3] CH_3OO+CH_2O=> CH_3OOH+HCO> [CH_3OOH] CH_3OOH=> CH_3O+OH \\ > [CH_3O] $		[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
$eq:control_co$		>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
$\label{eq:continuous} $$ [ipropyloxy] ipropyloxy=>CH_3+acetaldehyde $		>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
$ > [acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2\\ > [acetyl]acetyl(+M)=>CH_3+CO(+M)\\ > [CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO>[CH_3OOH]CH_3OOH=>CH_3O+OH\\ > [CH_3O] $		>[ipropylooh]ipropylooh=>ipropyloxy+OH	
$ > [acetyl]acetyl(+M) = > CH_3 + CO(+M) - \\ > [CH_3]CH_3OO + CH_2O = > CH_3OOH + HCO - > [CH_3OOH]CH_3OOH = > CH_3O + OH - \\ > [CH_3O] $		>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
$ \begin{array}{c} > [\text{CH}_3]\text{CH}_3\text{OO} + \text{CH}_2\text{O} => \text{CH}_3\text{OOH} + \text{HCO}> [\text{CH}_3\text{OOH}]\text{CH}_3\text{OOH} => \text{CH}_3\text{O} + \text{OH}$		>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
$401 > [CH_3O] $ $[OH]C_3H_8 + OH = > ipropyl + H_2O - > [ipropyl]ipropyloo = > HO_2 + C_3H_6 - \\ > [C_3H_6]HO_2 + C_3H_6 = > O_2 + ipropyl - \\ > [ipropyl]ipropyloo + HO_2 = > ipropylooh + O_2 - $		$>[acetyl]acetyl(+M)=>CH_3+CO(+M)$	
$ [OH]C_3H_8 + OH = \times [ipropyl] + H_2O - \times [ipropy$		>[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>O ₂ +ipropyl >[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	401	>[CH ₃ O]	0.00066176
>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂		[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
		>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>O ₂ +ipropyl	
		>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
402 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy] 2.8746E-05	402	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	2.8746E-05

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>OH+OH+frag_1->[frag_1]frag_1=>vinoxy+CH ₂ O>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
40	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00046905
400	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O >[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl >[npropylooh]npropylooh=>npropyloxy+OH >[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O>[C ₂ H ₅]C ₂ H ₅ +O ₂ =>oxirane+OH 5>[oxirane]	3.8399E-05
40!	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	6.7034E-05
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH 3 >[CH ₃ O] [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O >[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl >[npropyl]npropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide 4 >[propoxide]	0.00024939 1.8034E-05
	$ \begin{split} & [\text{OH}]\text{C}_3\text{H}_8+\text{OH}=>& \text{ipropyl}+\text{H}_2\text{O}>& [\text{ipropyl}]\text{ipropyloo}=>& \text{HO}_2+\text{C}_3\text{H}_6\\ &>& [\text{C}_3\text{H}_6]\text{C}_3\text{H}_6+\text{HO}_2=>& \text{allyl}+\text{H}_2\text{O}_2\\ &>& [\text{allyl}]\text{npropyloo}+& \text{allyl}=>& \text{npropyloxy}+& \text{allyloxy}\\ &>& [\text{npropyloxy}]\text{npropyloxy}=>& \text{C}_2\text{H}_5+\text{CH}_2\text{O}\\ &>& [\text{C}_2\text{H}_5]\text{CH}_3\text{CH}_2\text{OO}+\text{HO}_2=>& \text{CH}_3\text{CH}_2\text{OOH}+\text{O}_2\\ &>& [\text{CH}_3\text{CH}_2\text{OOH}]\text{CH}_3\text{CH}_2\text{OOH}=>& \text{ethoxy}+\text{OH}>& [\text{ethoxy}]\text{ethoxy}=>& \text{CH}_3+\text{CH}_2\text{O}-\\ &>& [\text{CH}_3\text{CH}_2\text{OOH}]\text{CH}_3\text{CH}_2\text{OOH}=>& \text{ethoxy}+\text{OH}>& [\text{ethoxy}]\text{ethoxy}=>& \text{CH}_3+\text{CH}_2\text{OOH}-\\ &>& [\text{CH}_3\text{CH}_2\text{OOH}]\text{CH}_3\text{CH}_2\text{OOH}=>& \text{ethoxy}+\text{OH}>& [\text{ethoxy}]\text{ethoxy}=>& \text{CH}_3+\text{CH}_2\text{OOH}-\\ &>& [\text{CH}_3\text{CH}_2\text{OOH}]\text{CH}_3\text{CH}_2\text{OOH}=>& \text{ethoxy}+\text{OH}>& [\text{ethoxy}]\text{ethoxy}=>& \text{CH}_3+\text{CH}_2\text{OOH}-\\ &>& [\text{CH}_3\text{CH}_2\text{OOH}]\text{CH}_3\text{CH}_2\text{OOH}->& \text{CH}_3+\text{CH}_2\text{OOH}-\\ &>& [\text{CH}_3\text{CH}_2\text{OOH}]\text{CH}_3+\text{CH}_2\text{OOH}-\\ &>& [\text{CH}_3\text{CH}_3\text{CH}_2\text{OOH}-]\text{CH}_3+\text$	

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
409 >[CH ₃ O]	0.00019108
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
410 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00030624
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ -	
411 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00049602
	0.000.0002
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>[C_3H_6]H+C_3H_6=>npropyl>[npropyl]O_2+QOOH_1=>OH+OH+frag_1$	
>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	2 74055 05
412 >[CO]	3.7485E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O->[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +ipropyloo=>allyl+ipropylooh	
413 >[allyl]allyl+HO ₂ =>allyloxy+OH>[allyloxy]	4.2918E-05
	1-
->[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
414 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00012282

$ [OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>HO_2+prod_2 \\ >[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H \\ >[acrolein]acrolein+CH_3O=>CH_2CHCO+CH_3OH \\ >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2 \\ >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH>[CO] $	E-05
$ > [acrolein]acrolein+CH_3O=>CH_2CHCO+CH_3OH$	E-05
$415 > [vinoxy]vinoxy+O_2 = > CH_2O+CO+OH>[CO] $ 6.8273 $[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=> HO_2+C_3H_6>[C_3H_6]C_3H_6+HO_2 = > allyl+H_2O_2>[allyl]allyl+HO_2 = > prod_2>[prod_2]prod_2 = > allyloxy+OH>[allyloxy]vinoxylmethyl=> acrolein+H$	E-05
$ [OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6 \\ >[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>prod_2 \\ >[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H$	E-05
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H	
$ > [C_3H_6]C_3H_6 + HO_2 = > allyl + H_2O_2 - > [allyl]allyl + HO_2 = > prod_2 \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = > allyloxy + OH > [allyloxy]vinoxylmethyl = > acrolein + H \\ > [prod_2]prod_2 = acro$	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H	į
\[\acroloin\acroloin\dot\u0 -\CU CUCO\dot\u0	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
$416 > [vinoxy] vinoxy + O_2 = > CH_2O + CO + OH> [CO]$ 3.5956	E-05
$[OH]C_3H_8 + OH = > ipropyl + H_2O - > [ipropyl]ipropyloo = > HO_2 + C_3H_6$	
$>[C_3H_6]C_3H_6+OH=>allyl+H_2O$	
>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
417 >[CH ₃ O] 0.00043	3744
$[OH]C_3H_8 + OH = > ipropyl + H_2O > [ipropyl]O_2 + ipropyl = > HO_2 + C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
418 >[prod_2]prod_2=>allyloxy+OH>[allyloxy] 1.6992	E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
$419 > [HCO]HCO + O_2 = > CO + HO_2 - > [CO]CO + HO_2 = > CO_2 + OH > [CO_2]$ 3.551	E-05
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
->[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
420 > [CH3OOH]CH3OOH=>CH3O+OH>[CH3O] 0.00168	3943

	OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ -	
	$->[C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>prod_2$	
121	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	0.0001702
421	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	0.0001702
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
422	>[acetyl]H ₂ O ₂ +acetylperoxy=>HO ₂ +CH ₃ CO ₃ H	7.294E-05
422	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	7.294E-U5
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
423	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00023372
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
40.4	->[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	0.00053374
424	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00052371
	OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	$>[frag_1]frag_1=>vinoxy+CH_2O>[vinoxy]vinoxy+O_2=>CH_2O+CO+OH$	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
125	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00051612
423	<u> </u>	0.00031012

[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
426 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00041778
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
427 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00017086
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
428 >[npropyl]well_1=>OH+prod_1>[prod_1]	0.00028874
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
429 >[frag_1]	0.00028873

	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
430) >[CO]	0.00028872
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
4.2	->[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	0.000005.40
43	1 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00039543
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
432	2 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00024
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +npropyloo=>allyl+npropylooh>[allyl]allyl+HO ₂ =>prod_2	
43.	B >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	3.9485E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>allyloxy+OH$	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
43	4 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	3.4288E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>allyloxy+OH$	
	$[C_3]_{0.5}$ C_2 C_3 C_3	
43	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	3.1729E-05

	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
436	>[CH ₂ O]CH ₂ O+HO ₂ =>HCO+H ₂ O ₂ >[HCO]HCO+HO ₂ =>CO ₂ +OH+H>[CO ₂]	1.512E-05
	$[OH]C_3H_8 + OH = > ipropyl + H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
437	>[npropyl]O ₂ +QOOH_1=>OH+OH+frag_1>[frag_1]	6.9601E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]O ₂ +QOOH_1=>OH+OH+frag_1	
	>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
438	>[CO]	6.9598E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₂ O+HO ₂ =>HCO+H ₂ O ₂	
	>[HCO]HCO+O ₂ =>formylperoxy	
	>[formylperoxy]C ₃ H ₈ +formylperoxy=>ipropyl+formylooh	
439	>[formylooh]formylooh=>formyloxy+OH>[formyloxy]	6.8184E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ = $>$ ipropyloo	
	>[ipropyloo]ipropyloo+CH ₂ O=>ipropylooh+HCO	
440	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	4.5612E-05
	$[OH]C_3H_8 + OH = > ipropyl + H_2O - > [ipropyl]O_2 + ipropyl = > HO_2 + C_3H_6$	
	$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
441	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	4.3615E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy= $>$ C ₂ H ₅ +CH ₂ O $>$ [C ₂ H ₅]CH ₃ CH ₂ OO= $>$ C ₂ H ₄ +HO ₂	
	>[C ₂ H ₄]C ₂ H ₄ +OH=>CH ₂ CH ₂ OH	0.0051155
442	>[CH ₂ CH ₂ OH]O ₂ C ₂ H ₄ OH=>OH+CH ₂ O+CH ₂ O>[CH ₂ O]	0.00011681

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>[C_3H_6]H+C_3H_6=>ipropyl$	
>[ipropyl]ipropyloo+CH ₃ CH ₂ OO=>ipropyloxy+ethoxy+O ₂	
>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
443 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00012221
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>QOOH_3	
>[QOOH_3]well_3=>well_5>[well_5]well_5=>OH+prod_3	
>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
444 >[prod_3]prod_3=>frag_3+OH>[frag_3]	1.279E-05
	1
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]O_2+QOOH_1=>OH+OH+from (A) = 0.0000000000000000000000000000000000$	rag_1-
->[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	0.0001.1.100
445 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00014496
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +	CH ₂ O-
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+O	H
446 >[CH ₃ O]	0.00034414
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH	+O ₂
447 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00023935

[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
448 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00033061
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl	
>[ipropyl]ipropyloo+CH ₃ CH ₂ OO=>ipropyloxy+ethoxy+O ₂	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
449 >[CH ₃ O]	0.00012636
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO>[HCO]HCO+O ₂ =>CO+HO ₂	
450 >[CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	3.1751E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetaldehyde+acetylperoxy=>acetyl+CH ₃ CO ₃ H	
451 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	3.2921E-05
$[OH]C_3H_8 + OH = > ipropyl + H_2O>[ipropyl]ipropyloo = > HO_2 + C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ npropyl	
>[npropyl]npropyloo+npropyloo=>O ₂ +npropyloxy+npropyloxy	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
452 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	6.5793E-05

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[OH]C_3H_8+OH=>npropyl+H_2O-->[npropyl]well 1=>OH+prod 1--
      >[prod 1]prod 1=>frag 1+OH-->[frag 1]frag 1=>vinoxy+CH<sub>2</sub>O--
      >[vinoxy]vinoxy+O<sub>2</sub>=>CH<sub>2</sub>O+CO+OH--
      >[CH<sub>2</sub>O]CH<sub>3</sub>CH<sub>2</sub>OO+CH<sub>2</sub>O=>CH<sub>3</sub>CH<sub>2</sub>OOH+HCO--
      >[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH<sub>3</sub>+CH<sub>2</sub>O-
      ->[CH<sub>3</sub>]CH<sub>3</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>OOH+ipropyl--
453 > [CH<sub>3</sub>OOH] CH<sub>3</sub>OOH=> CH<sub>3</sub>O+OH--> [CH<sub>3</sub>O]
                                                                                                                   0.00092202
      [OH]C_3H_8+OH=>ipropyl+H_2O-->[ipropyl]O_2+ipropyl=>HO_2+C_3H_6--
      >[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+HO<sub>2</sub>=>propen1ol+OH--
      >[propen1ol]propen1ol+HO<sub>2</sub>=>CH<sub>2</sub>O+C<sub>2</sub>H<sub>3</sub>+H<sub>2</sub>O<sub>2</sub>--
454 > [C_2H_3]C_2H_3 + O_2 = > O + vinoxy - > [vinoxy]vinoxy + O_2 = > CH_2O + CO + OH - - > [CO]
                                                                                                                    3.0224E-05
      [OH]C_3H_8+OH=>npropyl+H_2O--
      >[npropyl]npropyloo+C<sub>3</sub>H<sub>8</sub>=>npropylooh+npropyl--
      >[npropylooh]npropylooh=>npropyloxy+OH--
      >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
      >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>CH<sub>2</sub>OOH+ipropyl--
      >[ipropyl]ipropyloo+C<sub>3</sub>H<sub>8</sub>=>ipropylooh+ipropyl--
455 > [ipropylooh] ipropylooh => ipropyloxy + OH--> [ipropyloxy]
                                                                                                                   0.00011932
      [OH]C<sub>3</sub>H<sub>8</sub>+OH=>npropyl+H<sub>2</sub>O-->[npropyl]npropyloo=>HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--
      >[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6--
      >[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+HO<sub>2</sub>=>allyl+H<sub>2</sub>O<sub>2</sub>-->[allyl]allyl+HO<sub>2</sub>=>prod 2--
456 > [prod 2]prod 2=>allyloxy+OH-->[allyloxy]
                                                                                                                    1.4964E-05
      [OH]C_3H_8+OH=>ipropyl+H_2O--
      >[ipropyl]ipropyloo+C<sub>3</sub>H<sub>8</sub>=>ipropylooh+ipropyl--
      >[ipropylooh]ipropylooh=>ipropyloxy+OH--
      >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde--
      >[CH<sub>3</sub>]CH<sub>3</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>OOH+ipropyl-->[ipropyl]ipropyloo=>QOOH_3--
457 > [QOOH 3]QOOH 3=>OH+propoxide-->[propoxide]
                                                                                                                    3.2807E-05
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$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
458 >[CH ₃ O]	0.00026554
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl	
>[ipropyl]ipropyloo+acetaldehyde=>ipropylooh+acetyl	
459 <mark>>[ipropylooh]</mark> ipropylooh=>ipropyloxy+OH>[ipropyloxy]	4.6667E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
>[ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +HO ₂ = $>$ propen1ol+OH	
460 >[propen1ol]	8.0016E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
461 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00033349
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₂ O+HO ₂ =>OCH ₂ OOH>[OCH ₂ OOH]OCH ₂ OOH=>CH ₂ O+HO ₂	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
462 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	9.9293E-05

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ -	
	$->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>allyloxy+OH$	
463	>[allyloxy]	6.5761E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]CH ₃ O+CO=>CH ₃ +CO ₂	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
464	>[CH ₃ O]	0.00020014
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>ipropyl$	
	>[ipropyl]ipropyloo+CH ₃ OO=>ipropyloxy+CH ₃ O+O ₂	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
465	>[CH ₃ O]	0.00011719
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
466	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	3.8915E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
467	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00018061
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
468	>[ipropyl]ipropyloo=>OH+propoxide>[propoxide]	2.9519E-05

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +npropyloo=>allyl+npropylooh	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
469 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00013544
$ [OH]C_3H_8 + OH = \text{ipropyl} + H_2O \text{[ipropyl]} ipropyloo = \text{>} HO_2 + C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +CH ₃ CH ₂ OO=>allyl+CH ₃ CH ₂ OOH	
470 > [allyl]allyl+HO2 = > allyloxy+OH> [allyloxy]	3.7642E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
471 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00015074
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>allyloxy+OH	
>[allyloxy]vinoxylmethyl=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.8719E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
473 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	1.49E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
>[npropyl]npropyloo=>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide-	
474 ->[propoxide]	2.9659E-05

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
475	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00052504
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
476	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00018335
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH	
477	>[propen1ol]propen1ol+OH=>CH ₂ O+C ₂ H ₃ +H ₂ O	2 00275 05
4//	>[C ₂ H ₃]C ₂ H ₃ +O ₂ =>O+vinoxy>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.8927E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
470	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	0.00060547
4/8	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00069547
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]C ₃ H ₈ +acetylperoxy=>ipropyl+CH ₃ CO ₃ H	
479	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	6.1759E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O$	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]H+C ₃ H ₆ =>npropyl	
480	>[npropyl]well_1=>OH+prod_1>[prod_1]	5.4211E-05

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]H+C3H6=>npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
481	>[frag_1]	5.4231E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
482	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH>[propen1ol]	8.2377E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ = $>$ ipropyloo	
	>[ipropyloo]ipropyloo+HO ₂ =>ipropylooh+O ₂	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
483	>[CH ₃ O]	5.7376E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +npropyloo=>allyl+npropylooh>[allyl]allyl+HO ₂ =>prod_2	
484	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	3.5136E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]acetylperoxy+HO ₂ =>CH ₃ CO ₃ H+O ₂	
485	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	0.00011278
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
486	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00038634
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>ipropyloo	
	>[ipropyloo]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
487	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	2.1139E-05

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2>[QOOH_2]well_2=>well_3	
488	>[well_3]QOOH_3=>OH+propoxide>[propoxide]	6.9154E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
489	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00051438
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
490	>[CH ₃ O]	0.00058912
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
491	>[CH ₃ O]	0.00085392
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide	
492	>[propoxide]	2.5588E-05

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+ipropyloo=>CH ₂ CHCO+ipropylooh	
493 <mark>>[ipropylooh]</mark> ipropylooh=>ipropyloxy+OH>[ipropyloxy]	4.2977E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2	
494 >[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	1.3637E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O	
>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O	O-
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
495 >[CH ₃ O]	0.00019223
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]O ₂ +ipropyl= $>$ HO ₂ +C ₃ H ₆	
$496 > [C_3H_6]C_3H_6 + HO_2 = > propen1ol + OH>[propen1ol]$	7.3036E-06
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
>[npropyl]well_1=>HO ₂ +prod_2>[prod_2]prod_2=>allyloxy+OH	
497 >[allyloxy]	9.6764E-05
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO=>CH ₂ CH ₂ OOH	
498 >[CH ₂ CH ₂ OOH]CH ₂ CH ₂ OOH=>oxirane+OH>[oxirane]	1.4581E-05
$[OH]C_3H_8 + OH = \text{sipropyl} + H_2O \text{sipropyl}O_2 + \text{ipropyl} = \text{shoppl}O_2 + C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +CH ₃ OO=>allyl+CH ₃ OOH>[allyl]allyl+HO ₂ =>prod_2	
499 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	3.2777E-05

$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₂ O+HO ₂ =>HCO+H ₂ O ₂ >[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]C ₃ H ₈ +formylperoxy=>npropyl+formylooh	
500 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	2.8307E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo=>QOOH_2	
501 >[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	7.5212E-06
$[OH]C_3H_8 + OH = \times [propyl] + H_2O - \times [propyl]O_2 + ipropyl = \times HO_2 + C_3H_6 - $	
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>HO ₂ +prod_2	
502 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	1.6237E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H	
>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH	
>[acetyloxy]acetyloxy+M=>CH ₃ +CO ₂ +M	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
503 >[CH ₃ O]	0.00041439
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>QOOH_3$	
>[QOOH_3]well_3=>well_2>[well_2]QOOH_2=>OH+propoxide	
504 >[propoxide]	7.0631E-06
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo=>QOOH_2	
505 >[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	6.6964E-06
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>C ₂ H ₃ +CH ₂ O	
$ (C_2H_3)C_2H_3 + O_2 = > O + vinoxy - > (vinoxy) vinoxy + O_2 = > CH_2O + CO + OH > (CO)$	2.6454E-05

	$[OH]C_3H_8+OH=>npropyl+H_2O$	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
507	>[CH ₃ O]	0.00045525
	$[OH]C_3H_8+OH=>npropyl+H_2O$	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]H+C3H6=>npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
508	>[CO]	5.4111E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>allyloxy+OH$	
509	>[allyloxy]	1.3034E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>C ₂ H ₃ +CH ₂ O	
510	$ C_2H_3 C_2H_3+O_2=>O+vinoxy>[vinoxy]vinoxy+O_2=>CH_2O+CO+OH>[CO]$	2.6005E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ +HO ₂ =>CH ₃ O+OH	
511	>[CH ₃ O]	6.1502E-05
	. [6,136]	
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	$ C_3H_6 C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>prod_2$	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>C ₂ H ₃ +CH ₂ O	
512	$>[C_2H_3]C_2H_3+O_2=>O+vinoxy>[vinoxy]vinoxy+O_2=>CH_2O+CO+OH>[CO]$	2.6661E-05
012	[[[[[[[[[[[[[[[[[[[2.00011 00

$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH2CHCO]CH2CHCO=>C2H3+CO>[C2H3]C2H3+O2=>O+vinoxy	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.6936E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
514 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00020448
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
$>[npropyloxy]npropyloxy=>C_2H_5+CH_2O>[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2$	
>[C ₂ H ₄]C ₂ H ₄ +OH=>CH ₂ CH ₂ OH	
515 >[CH ₂ CH ₂ OH]O ₂ C ₂ H ₄ OH=>OH+CH ₂ O+CH ₂ O>[CH ₂ O]	0.00016228
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
->[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
516 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00062638
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	0.000000
$>[C_3H_6]C_3H_6+H=>C_2H_4+CH_3>[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2$	
517 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	3.4359E-05

[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
518 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.0008718
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +OH=>propen2yl+H ₂ O	
>[propen2yl]propen2yl+O ₂ =>acetyl+CH ₂ O	
>[acetyl]acetylperoxy+HO ₂ =>CH ₃ CO ₃ H+O ₂	
>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH	
>[acetyloxy]acetyloxy+M=>CH ₃ +CO ₂ +M	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
519 >[CH ₃ O]	0.00010394
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH	
>[propen1ol]propen1ol+OH=>CH ₂ O+C ₂ H ₃ +H ₂ O	
$ S_20 > [C_2H_3]C_2H_3 + O_2 = > O + vinoxy - > [vinoxy]vinoxy + O_2 = > CH_2O + CO + OH > [CO]$	2.5834E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide	
521 >[propoxide]	5.9876E-06
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O	
>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O	-
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
522 >[CH ₃ O]	0.00017105

	$>[C_3H_6]C_3H_6+HO_2=>$ propen1ol+OH	
	>[propen1ol]propen1ol+HO ₂ =>CH ₂ O+C ₂ H ₃ +H ₂ O ₂	
523	$>[C_2H_3]C_2H_3+O_2=>O+vinoxy>[vinoxy]vinoxy+O_2=>CH_2O+CO+OH>[CO]$	2.6793E-05
	[OLI]C II + OLI=>inropyleII O	
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
E 2 /	$>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6>[C_3H_6]C_3H_6+OH=>allyl+H_2O$	5.6084E-05
524	>[allyl]allyl+HO ₂ =>prod_2>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	5.0U84E-U5
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>OH+prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
525	>[prod_3]prod_3=>frag_3+OH>[frag_3]	1.0277E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>npropyl>[npropyl]O_2+QOOH_1=>HO_2+prod_2$	
526	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	1.3853E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>ipropyl$	
	>[ipropyl]ipropyloo+ipropyloo=>O ₂ +ipropyloxy+ipropyloxy	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
527	>[CH ₃ O]	5.1281E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
528	>[CH ₃ O]	8.2064E-05

	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl	
	>[acetyl]acetylperoxy+HO ₂ =>CH ₃ CO ₃ H+O ₂	
529	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	4.7664E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>ipropyloo>[ipropyloo]ipropyloo=>HO ₂ +C ₃ H ₆	
530	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide>[propoxide]	6.5496E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH	
531	>[propen1ol]propen1ol+H=>C ₃ H ₆ +OH>[C ₃ H ₆]	7.1251E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ = $>$ ipropyloo	
	>[ipropyloo]ipropyloo+HO ₂ =>ipropylooh+O ₂	
532	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	2.0193E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
	>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
533	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	9.1139E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
534	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00045547
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[HCO]HCO+O ₂ =>formylperoxy	
	>[formylperoxy]CH ₂ O+formylperoxy=>HCO+formylooh	
535	>[formylooh]formylooh=>formyloxy+OH>[formyloxy]	4.6494E-05

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
F26	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	0.00030444
536	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00029444
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H	
	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
537	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	4.812E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]H+C_3H_6=>npropyl>[npropyl]well_1=>HO_2+prod_2$	
538	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	1.447E-05
330	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	1.4472 03
	$>[C_3H_6]H+C_3H_6=>[propyl]>[ipropyl]O_2+[propyl]=>QOOH_3$	
530	>[QOOH_3]QOOH_3=>OH+propoxide>[propoxide]	6.0165E-06
333	>[QOOTI_3]QOOTI_3=>OTT propoxide>[propoxide]	0.01031-00
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]C_3H_6+H=>allyl+H_2>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy$	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
540		8.4691E-05
540	>[CH ₃ O]	8.40311-03
	[OUI] C. H. J. O. L. Sarara and J. H. O. S. Farara and D. Vall. 1. S. O. L. Sarara d. 1.	
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₂ O+HO ₂ =>OCH ₂ OOH>[OCH ₂ OOH]OCH ₂ OOH=>CH ₂ O+HO ₂	
E 4.4	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	0 00005 05
541	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	8.3332E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>prod_2$	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H	
5/10	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	3.1799E-05
342	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	3.1/33E-U3

$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
$>[ipropyl]ipropyloo=>HO_2+C_3H_6>[C_3H_6]HO_2+C_3H_6=>OH+propoxide$	
543 >[propoxide]	2.4547E-05
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O)-
->[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
544 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00034184
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>HO_2+prod_2$	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+H=>CH ₂ CHCO+H ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
545 > [vinoxy]vinoxy+O2=>CH2O+CO+OH>[CO]	2.3301E-05
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	2.33012 03
> [C3H6]H+C3H6=>ipropyl	
>[ipropyl]ipropyloo+ipropyloo=>O ₂ +ipropyloxy+ipropyloxy	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	4 57225 05
546 >[CH ₃ O]	4.5723E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl	
>[acetyl]acetylperoxy+HO ₂ =>CH ₃ CO ₃ H+O ₂	
547 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	4.9379E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>C ₂ H ₃ +CH ₂ O	
$ > [C_2H_3]C_2H_3+O_2 = > O + vinoxy> [vinoxy] vinoxy+O_2 = > CH_2O+CO+OH> [CO+OH> [CO+OH$] 2.3712E-05

$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH	
549 >[propen1ol]propen1ol+H=>C ₃ H ₆ +OH>[C ₃ H ₆]	6.3512E-06
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
550 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	5.9331E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]ipropyloo+CH ₃ CH ₂ OO=>ipropyloxy+ethoxy+O ₂	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
551 >[CH ₃ O]	0.00080203
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +CH ₃ OO=>allyl+CH ₃ OOH>[allyl]allyl+HO ₂ =>prod_2	
552 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	2.9128E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl	
553 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00035088
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	-
$->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>prod_2$	
554 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	9.5285E-05

	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]O_2+npropyl=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1>[prod_1]	2.1374E-05
	> <mark>[C₃H₆]</mark> H+C ₃ H ₆ =>npropyl> <mark>[npropyl]</mark> well_1=>OH+prod_1	
556	> <mark>[prod_1]</mark> prod_1=>frag_1+OH> <mark>[frag_1]</mark>	2.1511E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>allyloxy+OH	
	> <mark>[allyloxy]</mark> allyloxy=>acrolein+H	
	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
557	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	2.6625E-05
	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	> <mark>[npropylooh]</mark> npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO=>CH ₂ CH ₂ OOH	
558	>[CH ₂ CH ₂ OOH]CH ₂ CH ₂ OOH=>oxirane+OH>[oxirane]	2.4979E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	> <mark>[CH₂O]</mark> npropyloo+CH ₂ O=>npropylooh+HCO	
	> <mark>[npropylooh]</mark> npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	> <mark>[C₂H₅]</mark> npropyloo+CH ₃ CH ₂ OO=>npropyloxy+ethoxy+O ₂	
	>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
559	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00083115
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]HO_2+C_3H_6=>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide$	
560	>[propoxide]	5.3523E-06
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₂ O+HO ₂ =>OCH ₂ OOH>[OCH ₂ OOH]OCH ₂ OOH=>CH ₂ O+HO ₂	
	> <mark>[CH₂O]</mark> ipropyloo+CH ₂ O=>ipropylooh+HCO	
561	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	6.4827E-05

TOURS HE SHE SHE SHE SHE	
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂	O-
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
562 >[CH ₃ O]	0.0003042
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
563 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00016794
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
564 >[CH ₃ O]	6.9928E-05
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
$>[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl$	
>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide	
565 >[propoxide]	4.2054E-05
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
$>[npropyloxy]npropyloxy=>C_2H_5+CH_2O$	
>[C ₂ H ₅]ipropyloo+CH ₃ CH ₂ OO=>ipropyloxy+ethoxy+O ₂	
>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	0.00077007
566 > [CH ₃ OOH] CH ₃ OOH=> CH ₃ O+OH> [CH ₃ O]	0.00077907

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]C ₃ H ₈ +acetylperoxy=>npropyl+CH ₃ CO ₃ H	
567	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	4.0598E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
568	>[HCO]HCO+O ₂ =>CO+HO ₂ >[CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	4.2758E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+ipropyloo=>CH ₂ CHCO+ipropylooh	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
569	>[CH ₃ O]	8.6522E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo+HO ₂ =>npropylooh+O ₂	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
570	>[CH ₃ O]	7.064E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
571	>[CH ₃ O]	6.6628E-05

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$ C_3H_6 H+C_3H_6=>ipropyl>[ipropyl]ipropyloo+allyl=>ipropyloxy+allyloxy-$	
	->[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
572	>[CH ₃ O]	6.1075E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]vinoxy+CH ₂ O=>frag_1>[frag_1]frag_1=>vinoxy+CH ₂ O	
573	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	4.6092E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>prod_2$	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	$>[CH_2CHCO]CH_2CHCO=>C_2H_3+CO>[C_2H_3]C_2H_3+O_2=>O+vinoxy$	
574	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.4031E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
575	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00022281
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[HCO]HCO+O ₂ =>formylperoxy	
	>[formylperoxy]C ₃ H ₈ +formylperoxy=>ipropyl+formylooh	
576	>[formylooh]formylooh=>formyloxy+OH>[formyloxy]	4.5712E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>allyloxy+OH	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	$>[CH_2CHCO]CH_2CHCO=>C_2H_3+CO>[C_2H_3]C_2H_3+O_2=>O+vinoxy$	2 10005 05
5//	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.1969E-05

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>HO ₂ +prod_2>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	3.9221E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	$>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH_2O$	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[HCO]HCO+O ₂ =>formylperoxy-	
	>[formylperoxy]CH ₂ O+formylperoxy=>HCO+formylooh	
	>[formylooh]formylooh=>formyloxy+OH>[formyloxy]	4.4595E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl >[npropyl]npropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
	$>[allyl]allyl+HO2=>prod_2>[prod_2]prod_2=>allyloxy+OH>[allyloxy]$	2.2294E-05
300	$[OH]C_3H_8 + OH = > ipropyl + H_2O - > [ipropyl]O_2 + ipropyl = > HO_2 + C_3H_6$	2.223 12 03
	$>[C_3H_6]H+C_3H_6=>npropyl$	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
581	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	1.698E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]HO_2+C_3H_6=>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide$	
582	>[propoxide]	5.2577E-06
	->[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
583	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00016417
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	0.00029114
J ö 4	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00029114

[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
585 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00061613
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₂ O+HO ₂ =>OCH ₂ OOH>[OCH ₂ OOH]OCH ₂ OOH=>HOCH ₂ OO	
>[HOCH ₂ OO]HOCH ₂ OO+HO ₂ =>HOCH ₂ OOH+O ₂	
586 >[HOCH ₂ OOH]HOCH ₂ OOH=>HOCH ₂ O+OH>[HOCH ₂ O]	1.462E-05
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>ipropyloo	
>[ipropyloo]ipropyloo+HO ₂ =>ipropylooh+O ₂	
587 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	1.7938E-05
$[OH]C_3H_8 + OH = > npropyl + H_2O - > [npropyl] npropyloo = > HO_2 + C_3H_6$	1.75501 05
$>[C_3H_6]C_3H_6+H=>C_2H_4+CH_3>[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2$	
588 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	3.0618E-05
	3.00101 03
$[OH]C_3H_8+OH=>npropyl+H_2O->[npropyl]npropyloo=>HO_2+C_3H_6$	
$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	9 00225 05
589 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	8.0922E-05
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]H+C3H6=>ipropyl	
>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
590 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	3.3897E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
591 > [C3H6]C3H6+O=>allyl+OH>[allyl]allyl+HO2=>allyloxy+OH>[allyloxy]	1.0435E-05

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Ī		[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
		>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
		>[ipropylooh]ipropylooh=>ipropyloxy+OH	
		>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
		>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
		>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
		>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
	592	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.0001476
		$[OH]C_3H_8+OH=>npropyl+H_2O$	
		>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
		>[npropylooh]npropylooh=>npropyloxy+OH	
		>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
		$>[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl$	
	E02	>[ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +OH= $>$ allyl+H ₂ O	5.3828E-05
ŀ	333	>[allyl]allyl+HO ₂ =>prod_2>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	J.3626E-U3
		$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
		$>[C_3H_6]C_3H_6+OH=>allyl+H_2O$	
		>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
		>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
		>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
		>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	504	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
	594	>[CH ₃ O]	0.00028684
		[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
		>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
		>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O>[HCO]HCO+O ₂ =>formylperoxy	
		>[formylperoxy]formylperoxy=>HCO+O ₂ >[HCO]HCO+O ₂ =>CO+HO ₂	
	595	>[CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	1.0311E-05
_			

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well 1=>OH+prod 1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]H ₂ O ₂ +acetylperoxy=>HO ₂ +CH ₃ CO ₃ H	
596	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	0.00015769
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	0.00010703
	$>[C_3H_6]C_3H_6+OH=>$ propen2yl+ H_2O-	
	>[propen2yl]propen2yl+O ₂ =>acetyl+CH ₂ O	
	>[acetyl]H ₂ O ₂ +acetylperoxy=>HO ₂ +CH ₃ CO ₃ H	
	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH	
	>[acetyloxy]acetyloxy+M=>CH ₃ +CO ₂ +M	
F07	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	6 64555 05
597	>[CH ₃ O]	6.6455E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
	>[acetyl]acetylperoxy+HO ₂ =>CH ₃ CO ₃ H+O ₂	
598	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	8.1821E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[HCO]HCO+O ₂ =>CO+HO ₂	
599	>[CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	4.0038E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo+HO ₂ =>npropylooh+O ₂	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
600	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	7.148E-05

[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO >[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
601 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	.00046623
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
602 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00046345
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	2.1432E-05
$[OH]C_3H_8 + OH = > ipropyl + H_2O> [ipropyl]O_2 + ipropyl = > HO_2 + C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +ipropyloo=>allyl+ipropylooh>[allyl]allyl+HO ₂ =>prod_2	
604 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	2.7972E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]O ₂ +ipropyl=>OH+propoxide	
605 >[propoxide]	5.4234E-06
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]CH ₂ O+formylperoxy=>HCO+formylooh	
606 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	3.9329E-05

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2	
	>[QOOH_2]QOOH_2=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH	
607	>[propen1ol]	5.8535E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+H=>acetyl+H ₂	
	>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
608	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	6.2317E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO=>C ₂ H ₃ +CO>[C ₂ H ₃]C ₂ H ₃ +O ₂ =>O+vinoxy	
609	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.022E-05
	* [vinexy]vinexy (e z y e n z e v e v y [e e]	
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[HCO]HCO+O ₂ =>formylperoxy	
	>[formylperoxy]C ₃ H ₈ +formylperoxy=>ipropyl+formylooh	
610	>[formylooh]formylooh=>formyloxy+OH>[formyloxy]	4.1146E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>formylethyl	
	>[formylethyl]formylethyl= $>$ C ₂ H ₄ +HCO $>$ [C ₂ H ₄]C ₂ H ₄ +HO ₂ = $>$ oxirane+OH-	
611	->[oxirane]	9.5784E-06
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]H+C_3H_6=>npropyl$	
	>[npropyl]npropyloo+acetaldehyde=>npropylooh+acetyl	
612	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	3.3291E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
613	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	3.9169E-05

$[OH]C_3H_8 + OH = > ipropyl + H_2O - > [ipropyl]ipropyloo = > HO_2 + C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+npropyloo=>CH ₂ CHCO+npropylooh	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
614 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	4.0161E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>OH+OH+frag_1	
->[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
615 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00012277
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl	
616 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00024154
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
>[ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +OH= $>$ allyl+H ₂ O	
617 >[allyl]allyl+HO ₂ =>prod_2>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	9.2277E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)	
>[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
618 >[CH ₃ O]	0.00065909

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo=>OH+propoxide	
619	>[propoxide]	5.0566E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +O=>C ₂ H ₅ +HCO>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
620	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	3.6086E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
621	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00031198
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
622	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00052614
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O>[C ₂ H ₅]CH ₃ CH ₂ OO=>C ₂ H ₄ +HO ₂	
	$>[C_2H_4]C_2H_4+OH=>CH_2CH_2OH$	
623	>[CH ₂ CH ₂ OH]O ₂ C ₂ H ₄ OH=>OH+CH ₂ O+CH ₂ O>[CH ₂ O]	0.00011692

[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH->[CH ₃ O]CH ₃ OO+O ₂ =>CH ₂ O+HO ₂ >[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HC	
624 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00017961
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>OH+OH+frages>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>(CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
626 Sinpropyl South Sout	1.0277E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+ipropyloo=>O ₂ +ipropyloxy+ipropyloxy>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+C) ₂ 4.7596E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6 >[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>prod_2 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh$	
Section Sect	2.524E-05

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[OH]C_3H_8+OH=>npropyl+H_2O-->[npropyl]well 1=>OH+prod 1--
      >[prod 1]prod 1=>frag 1+OH-->[frag 1]frag 1=>vinoxy+CH<sub>2</sub>O--
      >[vinoxy]vinoxy+O<sub>2</sub>=>CH<sub>2</sub>O+CO+OH--
      >[CH<sub>2</sub>O]npropyloo+CH<sub>2</sub>O=>npropylooh+HCO--
      >[npropylooh]npropylooh=>npropyloxy+OH--
      >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
      >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+CH<sub>2</sub>O=>CH<sub>3</sub>CH<sub>2</sub>OOH+HCO--
      >[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH<sub>3</sub>+CH<sub>2</sub>O-
      ->[CH<sub>3</sub>]CH<sub>3</sub>OO+HO<sub>2</sub>=>CH<sub>3</sub>OOH+O<sub>2</sub>-->[CH<sub>3</sub>OOH]CH<sub>3</sub>OOH=>CH<sub>3</sub>O+OH--
629 >[CH<sub>3</sub>O]
                                                                                                               0.00104718
      [OH]C_3H_8+OH=>npropyl+H_2O-->[npropyl]well 1=>OH+prod 1--
      >[prod 1]prod 1=>frag 1+OH-->[frag 1]frag 1=>vinoxy+CH<sub>2</sub>O--
      >[vinoxy]vinoxy+O<sub>2</sub>=>CH<sub>2</sub>O+CO+OH-->[CH<sub>2</sub>O]CH<sub>2</sub>O+HO<sub>2</sub>=>OCH<sub>2</sub>OOH--
      >[OCH<sub>2</sub>OOH]OCH<sub>2</sub>OOH=>CH<sub>2</sub>O+HO<sub>2</sub>--
      >[CH<sub>2</sub>O]CH<sub>3</sub>OO+CH<sub>2</sub>O=>CH<sub>3</sub>OOH+HCO--
                                                                                                               0.00011391
630 > [CH<sub>3</sub>OOH] CH<sub>3</sub>OOH=> CH<sub>3</sub>O+OH--> [CH<sub>3</sub>O]
      [OH]C_3H_8+OH=>npropyl+H_2O--
      >[npropyl]npropyloo+C<sub>3</sub>H<sub>8</sub>=>npropylooh+ipropyl--
      >[ipropyl]ipropyloo+C<sub>3</sub>H<sub>8</sub>=>ipropylooh+ipropyl--
      >[ipropylooh]ipropylooh=>ipropyloxy+OH--
      >[ipropyloxy]ipropyloxy=>CH<sub>3</sub>+acetaldehyde--
      >[acetaldehyde]acetaldehyde+HO<sub>2</sub>=>acetyl+H<sub>2</sub>O<sub>2</sub>--
      >[acetyl]acetyl(+M)=>CH<sub>3</sub>+CO(+M)-->[CH<sub>3</sub>]CH<sub>3</sub>OO+HO<sub>2</sub>=>CH<sub>3</sub>OOH+O<sub>2</sub>--
631 > [CH<sub>3</sub>OOH] CH<sub>3</sub>OOH=> CH<sub>3</sub>O+OH--> [CH<sub>3</sub>O]
                                                                                                               0.00010372
      [OH]C_3H_8+OH=>ipropyl+H_2O-->[ipropyl]ipropyloo=>HO_2+C_3H_6--
      >[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]well 1=>OH+prod 1--
      >[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH<sub>2</sub>O--
      >[CH<sub>2</sub>O]CH<sub>3</sub>OO+CH<sub>2</sub>O=>CH<sub>3</sub>OOH+HCO--
632 > [CH<sub>3</sub>OOH] CH<sub>3</sub>OOH=> CH<sub>3</sub>O+OH--> [CH<sub>3</sub>O]
                                                                                                                4.4241E-05
      [OH]C_3H_8+OH=>ipropyl+H_2O-->[ipropyl]O_2+ipropyl=>HO_2+C_3H_6--
      >[C<sub>3</sub>H<sub>6</sub>]H+C<sub>3</sub>H<sub>6</sub>=>ipropyl-->[ipropyl]ipropyloo=>QOOH 3--
633 > [QOOH 3] QOOH 3=>OH+propoxide-->[propoxide]
                                                                                                                4.9633E-06
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[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+p	rod_1
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy	/+CH ₂ O
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]C ₃ H ₈ +formylperoxy=>ipropyl+formylooh	
634 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	3.5264E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO	
>[C ₃ H ₆]C ₃ H ₆ +CH ₃ CH ₂ OO=>allyl+CH ₃ CH ₂ OOH>[allyl]allyl	
635 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	2.4801E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ -	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+CH ₃ OO=>ally	loxy+CH ₃ O
>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	4.62655.05
636 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	4.6265E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>H()
>[C ₃ H ₆]C ₃ H ₆ +ipropyloo=>allyl+ipropylooh>[allyl]allyl+H	0 ₂ =>prod_2 2.4836E-05
637 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	2.4630E-03
	rod 1
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	,
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH	
>[ethoxy]ethoxy=>acetaldehyde+H	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =	>CH2OOH+O2
638 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	8.5367E-05
[232 2] 232 2 232 2 2	
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>HO_2+propyl+H_2O$	prod_2
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethy	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO=>C ₂ H ₃ +CO>[C ₂ H ₃]C ₂ H ₃ +O ₂ =>O+	vinoxy
639 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.9065E-05

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>[C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>allyloxy+OH$	
>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
$ (vinoxy) vinoxy + O_2 = > CH_2O + CO + OH > [CO]$	3.6459E-05
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy= $>$ C ₂ H ₅ +CH ₂ O $>$ [C ₂ H ₅]C ₂ H ₅ +O ₂ = $>$ oxirane+OH	
641 >[oxirane]	3.686E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆	
642 >[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1>[prod_1]	1.2891E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1	
643 >[prod_1]prod_1=>frag_1+OH>[frag_1]	1.2922E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH2CHCO]CH2CHCO=>C2H3+CO>[C2H3]C2H3+O2=>O+vinoxy	
644 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	3.5677E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]O ₂ +ipropyl= $>$ OH+propoxide	
645 >[propoxide]	4.8508E-06

>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O	_
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO-	_
646 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.0001939
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>ipropyloo>[ipropyloo]ipropyloo=>HO ₂ +C ₃ H ₆	
$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>prod_2$	
647 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	8.9221E-06
$ [OH]C_3H_8 + OH = > ipropyl + H_2O - > [ipropyl]O_2 + ipropyl = > HO_2 + C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +CH ₃ CH ₂ OO=>allyl+CH ₃ CH ₂ OOH	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O	-
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
648 >[CH ₃ O]	5.5699E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+acetylperoxy=>acetyl+CH ₃ CO ₃ H	
649 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	3.5589E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	0.00040774
650 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00010774
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	2.55005.05
651 > [HCO] HCO+O ₂ = > CO+HO ₂ > [CO] CO+HO ₂ = > CO ₂ + OH> [CO ₂]	3.5509E-05

[OH]C ₃ H ₈ +OH=sipropv(sH ₂ O- >([ipropyl)[ipropylooh=sipropylooh+ipropyl- >([ipropylooh]]ipropylooh=sipropylooh+ipropyl- >([ipropylooh]]ipropylooh=sipropylooh+ipropyl- >([ipropylooh]]ipropylooh=sipropyl- >([CH ₃ OH]CH ₃ OOH=SCH ₃ OH-N-]CH ₃ OOH+OO- >([CH ₃ OH]CH ₃ OOH=SCH ₃ OH-N-]CH ₃ OOH+OO- >([CH ₃ OH]CH ₃ OOH+O ₂ =SCH ₃ CH ₂ OOH+HCO- >([CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=Sethoxy+OH-Sethoxy]ethoxy=SCH ₃ +CH ₂ O- -S[CH ₃ OH]O-SCH ₃ OOH+O ₂ =SCH ₃ OOH+O ₂ -S[CH ₃ OOH]CH ₃ OOH=SCH ₃ OOH-SCH ₃ OOH-			
Cipropylooh]ipropylooh=>ipropyloxy+OH Cipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde CH ₃ CH ₃ OO+C ₂ H ₈ =>CH ₃ OOH+ipropyl CH ₃ OH]CH ₃ OOH>CH ₃ OO+OH->[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂ CH ₂ OCH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+ICO CH ₃ CH ₂ OOH]CH ₃ CH ₂ OO+OH->[CH ₃ O]CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH CH ₃ CH ₂ OOH]CH ₃ CH ₂ OO+OH->>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH			
Sipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde S(H ₃)CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl S(H ₃ OOH)CH ₃ OOH=>CH ₃ O+OH>(CH ₃ O)CH ₃ O+O ₂ =>CH ₂ O+HO ₂ S(H ₂ OOH)CH ₃ OOH=>CH ₃ O+OH>(CH ₃ OOH)CH ₃ OOH=>CH ₃ OOH+O ₂ S(CH ₃ OOH)CH ₃ OOH=>CH ₃ OOH+O ₂ S(CH ₃ OOH)CH ₃ OOH=>CH ₃ OOH+O ₂ S(CH ₃ OOH)CH ₃ OOH=>CH ₃ OOH O.00025377 O.0002537 O.00025377 O.0002537 O.0002537 O.0002537 O.0002		>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
CH ₃ CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl- C(H ₃ OOH)CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O)CH ₃ O+O ₇ =>CH ₇ O+HO ₇ C(H ₂ O)CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO C(H ₃ CH ₂ OOH)CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃ CH ₂ OOH]CH ₃ COH=>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH C(H ₃ O)			
CH3OH]CH3OOH=>CH3O+OH->[CH3O]CH3O+O2=>CH2O+HO2 CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO CH3CH2OOH]CH3CH2OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH3+CH2O CH3CH2OOH]CH3CH2OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH3+CH2O CH3]CH3OOH+O2=>CH3OOH+O2>[CH3OOH]CH3OOH=>CH3O+OH 652 CCH3O]		>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH CH ₃ CH ₂ OOH CH ₃ OOH C		>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
CH ₃ CH ₂ OOH CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ OH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ OH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ OH]CH ₃ OOH]CH ₃ OOH=>CH ₃ OH CH ₃ CH ₃ OOH CH CH		>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH 652 >[CH ₃ O] 0.00025377 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo=>OH+propoxide 653 >[propoxide] 4.5029E-06 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH >[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O >[CH ₃ CH ₂ OOH]CH ₃ OOH=>CH ₃ OOH+acetyl 654 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O] 0.00046845 [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O >[ipropyl]ipropylooh=>ipropyloxy+OH >[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde >[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H 655 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy] 6.8635E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O >[CH ₃ O]H ₃ OO+HO ₂ =>CH ₃ OOH CH ₃ OOH=>CH ₃ OOH-2		>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
G52		$\verb \c CH_3CH_2OOH CH_3CH_2OOH = \verb \c CHoxy+OH>[ethoxy] ethoxy = \verb \c CH_3+CH_2O cthoxy \verb \c CH_3+CH_2O cthoxy = ethoxy = etho$	
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo=>OH+propoxide 653 >[propoxide] 4.5029E-06 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[vinoxylvinoxy+O ₂ =>CH ₂ O+CO+OH >[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃ CH ₃ OO+B=>CH ₃ O+OH>[CH ₃ O] 0.00046845 [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl>[ipropyloxy]ipropyloo+C ₃ H ₈ =>ipropyloxy+OH>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H>[CH ₃ CO ₃ H]-CH ₃ CO ₃ H->acetyloxy+OH>[acetyloxy] 6.8635E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O>[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ OOH]CH ₃ OOH=>CH ₃ OOH>[CH ₃ O] 4.9782E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2		->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
C ₃ H ₆ H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo=>OH+propoxide	652	>[CH ₃ O]	0.00025377
Color Colo		[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO>[CH ₃ CH ₂ OOH]CH ₃ CO+=>CH ₃ CH ₂ OOH+acetyl>[CH ₃]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl>[CH ₃]CH ₃ OO+CH ₂ OOH=>CH ₃ O+OH>[CH ₃ O] 0.00046845 [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy] 6.8635E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O>[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃ OOH]CH ₃ OOH=>CH ₃ OOH>CH ₃ OOH>(CH ₃ O) 4.9782E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2		>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]ipropyloo= $>$ OH+propoxide	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl 654 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	653	>[propoxide]	4.5029E-06
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl 654 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]			
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH >[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃ CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl 654 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O] 0.00046845 [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O >[ipropyl]piropylooh=>ipropyloxy+OH >[ipropyloxy]piropylooh=>ipropyloxy+OH >[ipropyloxy]piropyloxy=>CH ₃ +acetaldehyde >[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H 655 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy] 6.8635E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O >[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH 656 >[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2		$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl 654 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O] 0.00046845 [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O >[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl >[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde >[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H 655 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy] 6.8635E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O >[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH 656 >[CH ₃ O] 4.9782E-05		>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl 654 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O] 0.00046845 [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropylooh=>ipropylooh+npropyl>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H 655 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy] 6.8635E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O>[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH= 656 >[CH ₃ O] 4.9782E-05		>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
->[CH ₃]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O] [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O >[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl >[ipropylooh]ipropylooh=>ipropyloxy+OH >[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde >[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O >[CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH >[CH ₃ O] [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2		>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
CH3OOH]CH3OOH=>CH3O+OH>[CH3O]		$\verb \c CH_3CH_2OOH CH_3CH_2OOH = \verb \c CH_3CH_2OOH = \verb \c CH_3CH_2OOH + \verb \c CH_3CH_2OOH = \verb \c CH_3CH_$	
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O >[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl >[ipropylooh]ipropylooh=>ipropyloxy+OH >[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde >[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H 655 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy] 6.8635E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O >[CH ₃ O] 4.9782E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2		->[CH ₃]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl >[ipropylooh]ipropylooh=>ipropyloxy+OH >[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde >[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H 655 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy] 6.8635E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O >[CH ₃ O]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH 656 >[CH ₃ O] 4.9782E-05	654	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00046845
>[ipropylooh]ipropylooh=>ipropyloxy+OH >[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde >[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy] [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O >[CH ₃ O]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2		[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde >[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂ >[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H 655 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy] 6.8635E-05 [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O >[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH 656 >[CH ₃ O] 4.9782E-05		>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
$ > [acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2 \\ > [acetyl]CH_2O+acetylperoxy=>HCO+CH_3CO_3H \\ > [CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH>[acetyloxy] \\ [OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1 \\ > [prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH_2O \\ > [CH_2O]CH_3+CH_2O=>ethoxy>[ethoxy]ethoxy=>CH_3+CH_2O \\ > [CH_3]CH_3OO+HO_2=>CH_3OOH+O_2>[CH_3OOH]CH_3OOH=>CH_3O+OH \\ 656>[CH_3O] \\ [OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>QOOH_2 \\ [OH]C_3H_8+OH=>npropyl-H_2O>[npropyl]npropyloo=>QOOH_2 \\ [OH]C_3H_8+OH=>npropyl-H_2O>[npropyl$		>[ipropylooh]ipropylooh=>ipropyloxy+OH	
		>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
		>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O >[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH 656 >[CH ₃ O] [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2		>[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O >[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O >[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH 656 >[CH ₃ O] [OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2	655	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	6.8635E-05
$ \begin{array}{l} > [\text{CH}_2\text{O}]\text{CH}_3 + \text{CH}_2\text{O} = > \text{ethoxy} - > [\text{ethoxy}] \text{ethoxy} = > \text{CH}_3 + \text{CH}_2\text{O} - > \\ > [\text{CH}_3]\text{CH}_3\text{OO} + \text{HO}_2 = > \text{CH}_3\text{OOH} + \text{O}_2 - > [\text{CH}_3\text{OOH}]\text{CH}_3\text{OOH} = > \text{CH}_3\text{O} + \text{OH} - \\ > [\text{CH}_3\text{O}] \\ \hline [\text{OH}]\text{C}_3\text{H}_8 + \text{OH} = > \text{npropyl} + \text{H}_2\text{O} - > [\text{npropyl}] \text{npropyloo} = > \text{QOOH}_2 - \\ \end{array} $		[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
$ > [CH_{3}]CH_{3}OO+HO_{2} = > CH_{3}OOH+O_{2} - > [CH_{3}OOH]CH_{3}OOH = > CH_{3}O+OH \\ > [CH_{3}O] $		>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
$ \begin{array}{c c} 656 & >[\text{CH}_3\text{O}] & 4.9782\text{E-05} \\ \hline & [\text{OH}]\text{C}_3\text{H}_8 + \text{OH} = >n \text{propyl} + \text{H}_2\text{O} > [\text{npropyl}] \text{npropyloo} = >QOOH_2} \\ \end{array} $		>[CH ₂ O]CH ₃ +CH ₂ O=>ethoxy>[ethoxy]ethoxy=>CH ₃ +CH ₂ O	
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>QOOH_2$		>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
			4.9782E-05
>[OOOH 2]well 2=>well 3>[well 3]well 3=>well 2		[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2	
[[[[[[[[[[[[[[[[[[[>[QOOH_2]well_2=>well_3>[well_3]well_3=>well_2	
657 >[well_2]QOOH_2=>OH+propoxide>[propoxide] 4.359E-06	657	>[well_2]QOOH_2=>OH+propoxide>[propoxide]	4.359E-06

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
CE O	$>[C_3H_6]HO_2+C_3H_6=>npropyloo>[npropyloo]well_1=>OH+prod_1$	4 40545 05
658	>[prod_1]	1.4851E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$>$ [C ₃ H ₆]HO ₂ +C ₃ H ₆ = $>$ npropyloo $>$ [npropyloo]well_1= $>$ OH+prod_1	
659	>[prod_1]prod_1=>frag_1+OH>[frag_1]	1.4852E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +ipropyloo=>allyl+ipropylooh	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
660	>[CH ₃ O]	6.2564E-05
	->[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
661	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00014498
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]ipropyl+HO ₂ = $>$ ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
662	>[CH ₃ O]	2.698E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]H+C_3H_6=>ipropyl$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
663	>[npropyl]well_1=>OH+prod_1>[prod_1]	3.521E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]H+C_3H_6=>ipropyl$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well 1=>OH+prod 1>[prod 1]prod 1=>frag 1+OH	
664	>[frag_1]	3.5221E-05
00+	. r., 20 ⁻ +1	5.52211 05

$[OH]C3H8+OH=>npropyl+H2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]C ₃ H ₈ +formylperoxy=>ipropyl+formylooh	
665 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	3.6175E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
$[C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>prod_2$	
>[prod 2]prod 2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
666 > [vinoxy] vinoxy + O2 = > CH2O + CO + OH > [CO]	1.827E-05
	1.8271-03
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
667 > [CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00014413
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
668 >[ipropyl]O ₂ +ipropyl=>OH+propoxide>[propoxide]	1.6829E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
669 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	4.8084E-05

[$OH_1C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$[C_3H_6]H+C_3H_6=>npropyl$	
	•[npropyl]npropyloo+CH ₃ CH ₂ OO=>npropyloxy+ethoxy+O ₂	
	$[\text{ethoxy}] \text{ ethoxy} = \text{CH}_3 + \text{CH}_2 - \text{CH}_3 + \text{CH}_3 -	
	•[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	6.5009E-05
	$\frac{\text{OH}_{3}\text{H}_{8}+\text{OH}=\text{sipropyl}+\text{H}_{2}\text{O}-\text{s}[\text{ipropyl}]\text{O}_{2}+\text{ipropyl}=\text{s}\text{HO}_{2}+\text{C}_{3}\text{H}_{6}-\text{s}}{\text{C}_{3}\text{H}_{6}+\text{C}_{3}\text{H}_{6}-\text{c}}$	
	$[C_3H_6]H+C_3H_6=>ipropyl>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	$[C_3H_6]HO_2+C_3H_6=>OH+propoxide>[propoxide]$	4.5275E-06
	$\frac{\text{OH]}\text{C}_3\text{H}_8+\text{OH}=>\text{npropyl}+\text{H}_2\text{O}$	
	•[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	[npropylooh]npropylooh=>npropyloxy+OH	
	$[npropyloxy] npropyloxy=>C_2H_5+CH_2O$	
	•[CH ₂ O]CH ₂ O+formylperoxy=>HCO+formylooh	
	•[formylooh]formylooh=>formyloxy+OH>[formyloxy]	1.6819E-05
l l	$\frac{OH}{C_3H_8} + OH = Npropyl + H_2O - Npropyl = Npropyl + Opplo = Opplo$	
	$P(C_3H_6)H+C_3H_6=>npropyl$	
	•[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	1.5081E-05
	OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>	[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	[ipropylooh]ipropylooh=>ipropyloxy+OH	
>	[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>	[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl	
>	-[npropylooh]npropylooh=>npropyloxy+OH	
>	[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>	•[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
674 >	•[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00014513
[1	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>	[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>	·[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>	•[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
>	•[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>	·[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
675 >	•[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00024049

$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod_	1-
676 ->[prod_1]	0.00014263
$OH_3C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod_	1-
677 ->[prod_1]prod_1=>frag_1+OH>[frag_1]	0.00014264
Touris II. Ou	
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod_	1-
->[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
678 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	0.00014267
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
679 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00018636
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>[allyloxy]allyloxy= $>$ C ₂ H ₃ +CH ₂ O $>$ [C ₂ H ₃]C ₂ H ₃ +O ₂ = $>$ O+vinoxy	
680 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	3.5715E-05

681	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	1.3396E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-$	
	>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
682	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	3.3248E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo=>QOOH_3	
683	>[QOOH_3]QOOH_3=>OH+propoxide>[propoxide]	4.4021E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ -	
	->[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide	
684	>[propoxide]	3.4392E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
COF	>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	4 44775 05
085	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	4.4477E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>ipropyl>[ipropyl]ipropyloo+CH_2O=>ipropylooh+HCO$	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
686	>[CH ₃ O]	5.1209E-05

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	$>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]HO2+C3H6=>QOOH_3$	
687	>[QOOH_3]QOOH_3=>OH+propoxide>[propoxide]	8.8558E-06
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>prod_2$	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy+O ₂ =>acrolein+HO ₂	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	1 50065 05
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.5896E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]H+C_3H_6=>npropyl$	
	>[npropyl]ipropyloo+npropyloo=>ipropyloxy+npropyloxy+O ₂	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
1	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
689	>[CH ₃ O]	6.4817E-05
	[OH]C H (OH) > parapulati O > [parapulated 1 -> OH) prod 1	
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ +HO ₂ =>CH ₃ O+OH>[CH ₃ O]	0.00011355
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	0.00011333
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
1 1	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
1 1	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00025792
031		0.00023732
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	> <mark>[npropylooh]</mark> npropylooh=>npropyloxy+OH	
1	>[npropyloxy]npropyloxy= $>$ C ₂ H ₅ +CH ₂ O $>$ [C ₂ H ₅]C ₂ H ₅ +O ₂ = $>$ CH ₂ CH ₂ OOH	
	>[CH ₂ CH ₂ OOH]CH ₂ CH ₂ OOH=>oxirane+OH>[oxirane]	9.1659E-06

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
693	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	9.8183E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2	
694	>[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	7.9983E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>ipropyl$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
695	>[CO]	3.5174E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	- f 1 21 1 2 11 1	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy+O ₂ =>acrolein+HO ₂	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy+O ₂ =>acrolein+HO ₂ >[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
696		2.6655E-05
696	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	2.6655E-05
696	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	2.6655E-05
696	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O] [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	2.6655E-05
696	$ \begin{tabular}{ll} >& [acrolein] acrolein + CH_3OO = > CH_2CHCO + CH_3OOH \\ >& [CH_3OOH] CH_3OOH = > CH_3O + OH > [CH_3O] \\ \hline [OH] C_3H_8 + OH = >& [ipropyl] + H_2O > [ipropyl] ipropyloo = > HO_2 + C_3H_6 \\ >& [C_3H_6] C_3H_6 + H = >& [lyl + H_2 > [allyl] + HO_2 = >& [lyl + HO_2 > [lyl] + HO_2 >& [lyl$	2.6655E-05
696	$ \begin{tabular}{l} >& [acrolein] acrolein + CH_3OO = > CH_2CHCO + CH_3OOH \\ >& [CH_3OOH] CH_3OOH = > CH_3O + OH > [CH_3O] \\ \hline [OH] C_3H_8 + OH = >& [ipropyl] + H_2O > [ipropyl] + H_2O$	2.6655E-05
	$ \begin{split} > & [acrolein] acrolein + CH_3OO = > CH_2CHCO + CH_3OOH \\ > & [CH_3OOH] CH_3OOH = > CH_3O + OH > [CH_3O] \\ & [OH] C_3H_8 + OH = > ipropyl + H_2O > [ipropyl] ipropyloo = > HO_2 + C_3H_6 \\ > & [C_3H_6] C_3H_6 + H = > allyl + H_2 > [allyl] allyl + HO_2 = > prod_2 \\ > & [prod_2] prod_2 = > allyloxy + OH > [allyloxy] allyloxy = > acrolein + H > [acrolein] acrolein + HO_2 = > CH_2CHCO + H_2O_2 \\ \end{split} $	2.6655E-05 1.7621E-05
	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O] [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +H=>allyl+H ₂ >[allyl]allyl+HO ₂ =>prod_2 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H >[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂ >[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O] [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +H=>allyl+H ₂ >[allyl]allyl+HO ₂ =>prod_2 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H >[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂ >[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂ >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	
	$ > [acrolein] acrolein + CH_3OO = > CH_2CHCO + CH_3OOH \\ > [CH_3OOH] CH_3OOH = > CH_3O + OH > [CH_3O] \\ [OH] C_3H_8 + OH = > ipropyl + H_2O > [ipropyl] ipropyloo = > HO_2 + C_3H_6 \\ > [C_3H_6] C_3H_6 + H = > allyl + H_2 > [allyl] allyl + HO_2 = > prod_2 \\ > [prod_2] prod_2 = > allyloxy + OH > [allyloxy] allyloxy = > acrolein + H \\ > [acrolein] acrolein + HO_2 = > CH_2CHCO + H_2O_2 \\ > [CH_2CHCO] CH_2CHCO + O_2 = > vinoxy + CO_2 \\ > [vinoxy] vinoxy + O_2 = > CH_2O + CO + OH > [CO] \\ [OH] C_3H_8 + OH = > ipropyl + H_2O > [ipropyl] ipropyloo = > HO_2 + C_3H_6 \\ > [C_3H_6] C_3H_6 + HO_2 = > allyl + H_2O_2 \\ > [allyl] ipropyloo + allyl = > ipropyloxy + allyloxy \\ \end{aligned} $	

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
699	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00039401
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
700	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00011597
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
701	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00041595
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>allyloxy+OH	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
702	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.7094E-05
	$[OH]C_3H_8 + OH = \text{ipropyl} + H_2O \text{[ipropyl]} + H_2O [i$	
	$>[C_3H_6]C_3H_6+H=>C_2H_4+CH_3>[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO$	
703	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	4.0505E-05

[OH]	$C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
>[C ₃	H_6]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>allyloxy+OH	
>[all	yloxy]allyloxy=>acrolein+H	
>[ac	rolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH	CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
704 >[vir	noxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.5187E-05
[OH]	C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipi	opyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipi	opylooh]ipropylooh=>ipropyloxy+OH	
>[ipi	copyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH	H ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
>[np	ropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
705 >[np	ropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00016828
[OII]		
	$C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
	H_6]C ₃ H_6 +CH ₃ CH ₂ OO=>allyl+CH ₃ CH ₂ OOH>[allyl]allyl+HO ₂ =>prod_2	2 24 24 5 25
	od_2]prod_2=>allyloxy+OH>[allyloxy]	2.2101E-05
	$C_3H_8+OH=>ipropyl+H_2O$	
	copyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	opylooh]ipropylooh=>ipropyloxy+OH	
	copyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	l ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
	H ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
	H ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	opylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00010592
	$C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	H ₆]C ₃ H ₆ +acetylperoxy=>allyl+CH ₃ CO ₃ H	
708 >[CH	H ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	1.6738E-05
[OH.	$C_3H_8+OH=>ipropyl+H_2O$	
1 1	opyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	opylooh]ipropylooh=>ipropyloxy+OH	
	opyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	H ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod_1-	
	rod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	120]CH300+CH20=>CH300H+HCO	
	H ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.0002188
703/2007	130011101130011-201130111-2[01130]	0.0002100

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>allyloxy+OH	
710 >[allyloxy]	7.3067E-06
$[OH]C_3H_8+OH=>npropyl+H_2O->[npropyl]npropyloo=>HO_2+C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein-	+H
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	1 62655 05
711 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.6265E-05
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +ipropyloo=>allyl+ipropylooh	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH-	
712 >[CH ₃ O]	5.5358E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO>[HCO]HCO+O ₂ =>CO+F	HO ₂
$713 > [CO]CO + HO_2 = > CO_2 + OH > [CO_2]$	3.163E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +O ₂ =>allyl+HO ₂ >[allyl]allyl+HO ₂ =>prod_2	
714 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	8.3432E-06
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
$>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
715 >[allyl]allyl+HO ₂ =>prod_2>[prod_2]prod_2=>allyloxy+OH>[allylox	(y) 3.148E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>O ₂ +ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$716 > [C_3H_6]C_3H_6 + HO_2 = > propen1ol + OH>[propen1ol]$	4.008E-06

717	$ \begin{split} & [\text{OH}]\text{C}_3\text{H}_8 + \text{OH} = > \text{npropyl} + \text{H}_2\text{O} - > & [\text{npropyl}]\text{well}_1 = > \text{OH} + \text{prod}_1 - \\ & > & [\text{prod}_1]\text{prod}_1 = > & \text{frag}_1 + \text{OH} - > & [\text{frag}_1]\text{frag}_1 = > & \text{vinoxy} + \text{CH}_2\text{O} - \\ & > & [\text{vinoxy}]\text{vinoxy} + \text{O}_2 = > & \text{CH}_2\text{O} + \text{CO} + \text{OH} - > & [\text{CH}_2\text{O}]\text{CH}_2\text{O} + \text{HO}_2 = > & \text{HCO} + \text{H}_2\text{O}_2 - \\ & > & [\text{HCO}]\text{HCO} + & \text{HO}_2 = > & \text{CO}_2 + \text{OH} + & \text{H}_{} > & [\text{CO}_2] \end{split} $	1.5071E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	$>[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl$	
710	>[ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +HO ₂ = $>$ allyl+H ₂ O ₂	3.0149E-05
/18	>[allyl]allyl+HO ₂ =>prod_2>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	3.0149E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
710	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	0.00033303
/19	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00023282
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
	>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂ >[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
720	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00016538
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_3>[QOOH_3]QOOH_3=>OH+propoxide	
721	>[propoxide]	3.4564E-06

$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	0.00030350
722 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00020259
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
> [C3H6]C3H6 + HO2 = > allyl + H2O2> [allyl]allyl + CH3OO = > allyloxy + CH3O	
>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
$>[CH_2CHCO]CH_2CHCO=>C_2H_3+CO>[C_2H_3]C_2H_3+O_2=>O+vinoxy$	2.903E-05
723 $>$ [vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO] $ $ [OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	2.903L-03
$ > [C_3H_6]HO_2+C_3H_6 = > npropyloo> [npropyloo] well_1 = > OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	1 40005 05
$ 724 > [vinoxy] vinoxy + O_2 = > CH_2O + CO + OH> [CO]$	1.4868E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$>[C_3H_6]HO_2+C_3H_6=>ipropyloo>[ipropyloo]O_2+ipropyl=>HO_2+C_3H_6$	
$725 > [C_3H_6]C_3H_6+HO_2=> propen1ol+OH>[propen1ol]$	4.2424E-06
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
$>[C_3H_6]H+C_3H_6=>ipropyl$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
726 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	2.5219E-05
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
727 <mark>>[ipropylooh]</mark> ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00018305
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2>[QOOH_2]QOOH_2=>HO ₂ +C ₃ H ₆	
$ > [C_3H_6]C_3H_6 + HO_2 = > propen1ol + OH>[propen1ol]$	4.02E-06

[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]O ₂ +ipropyl= $>$ HO ₂ +C ₃ H ₆	
$ (C_3H_6)HO_2 + C_3H_6 = > OH + propoxide - > [propoxide] $	4.0244E-06
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
$>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
730 >[allyl]allyl+HO ₂ =>allyloxy+OH>[allyloxy]	1.5259E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$ C_3H_6 H+C_3H_6= C_3H_6= C_3H_6= C_3H_6= C_3H_6= C_3H_6= C_3H_6= C_3H_6= C_3H_6= C_3H_6=$	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+OH=>vinoxy+H ₂ O	
731 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.6352E-05
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[CH ₂ O]CH ₂ O+formylperoxy=>HCO+formylooh	
732 <mark>>[formylooh]</mark> formylooh=>formyloxy+OH>[formyloxy]	2.881E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2>[QOOH_2]well_2=>HO ₂ +prod_2	
733 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	9.2227E-06
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
734 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.0001807
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl	
>[ipropyl]ipropyloo+npropyloo=>ipropyloxy+npropyloxy+O ₂	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
735 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	6.162E-05

>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O-	+OH
736 >[CH ₃ O]	4.5879E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>Cl	H ₃ +CH ₂ O-
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ C	
737 >[CH ₃ O]	0.00015689
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl	
>[npropyl]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
738 > [CH3CH2OOH]CH3CH2OOH=> ethoxy+OH>[ethoxy]	5.0534E-05
[OU]C OU -xipropy O x[ipropy O vipropy -x O vC	
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-$	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>C ₂ H ₃ +CH ₂ C	
$739 > [C_2H_3]C_2H_3+O_2=>O+vinoxy>[vinoxy]vinoxy+O_2=>CH_2O+CO+O$	
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O)
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
740 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00052539

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
$>[C_3H_6]H+C_3H_6=>npropyl>[npropyl]npropyloo=>HO_2+C_3H_6$	
$741 > [C_3H_6]C_3H_6 + HO_2 = \text{propen1ol} + OH > [propen1ol]$	4.0937E-06
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]O ₂ +npropyl=>OH+propoxide	
742 >[propoxide]	3.7605E-06
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]CH ₂ O+formylperoxy=>HCO+formylooh	
743 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	3.1999E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>allyloxy+OH	
>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+npropyloo=>CH ₂ CHCO+npropylooh	
744 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	2.2652E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>C ₂ H ₄ +HCO	
	7.075E-06
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
746 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00018503
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
$ > [vinoxy] vinoxy + O_2 = > CH_2O + CO + OH > [CO]$	2.9657E-05

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
	>[CH ₂ CHCO]CH ₂ CHCO=>C ₂ H ₃ +CO>[C ₂ H ₃]C ₂ H ₃ +O ₂ =>O+vinoxy	
748	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	3.0598E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
749	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.0003299
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>allyloxy+OH	
	>[allyloxy]vinoxylmethyl= $>$ C ₂ H ₃ +CH ₂ O>[C ₂ H ₃]C ₂ H ₃ +O ₂ = $>$ O+vinoxy	
750	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.5613E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
	>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
751	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00016433
751	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	0.00010433
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH >[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
	>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)	
752	>[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	0.00015102
/52	>[CH ₃ O]	0.00015102

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[OH]C_3H_8+OH=>npropyl+H_2O-->[npropyl]well 1=>OH+prod 1--
      >[prod 1]prod 1=>frag 1+OH-->[frag 1]frag 1=>vinoxy+CH<sub>2</sub>O--
      >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CH_2O]CH_2O+HO_2=>OCH_2OOH--
      >[OCH<sub>2</sub>OOH]OCH<sub>2</sub>OOH=>CH<sub>2</sub>O+HO<sub>2</sub>--
      >[CH<sub>2</sub>O]npropyloo+CH<sub>2</sub>O=>npropylooh+HCO--
753 > [npropylooh] npropylooh => npropyloxy + OH--> [npropyloxy]
                                                                                                                   9.9331E-05
      [OH]C_3H_8+OH=>npropyl+H_2O--
      >[npropyl]npropyloo+C<sub>3</sub>H<sub>8</sub>=>npropylooh+npropyl--
      >[npropylooh]npropylooh=>npropyloxy+OH--
      >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
      >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>CH<sub>2</sub>OOH+ipropyl--
      >[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH<sub>3</sub>+CH<sub>2</sub>O-
      ->[CH<sub>3</sub>]CH<sub>3</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>OOH+npropyl--
754 > [npropyl] well 1 => OH + prod 1 --> [prod 1]
                                                                                                                  0.00024368
      [OH]C_3H_8+OH=>npropyl+H_2O--
      >[npropyl]npropyloo+C<sub>3</sub>H<sub>8</sub>=>npropylooh+npropyl--
      >[npropylooh]npropylooh=>npropyloxy+OH--
      >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
      >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>CH<sub>2</sub>OOH+ipropyl--
      >[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH<sub>3</sub>+CH<sub>2</sub>O-
      ->[CH<sub>3</sub>]CH<sub>3</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>OOH+npropyl--
      >[npropyl]well 1=>OH+prod 1-->[prod 1]prod 1=>frag 1+OH--
755 >[frag 1]
                                                                                                                  0.00024497
      [OH]C_3H_8+OH=>npropyl+H_2O--
      >[npropyl]npropyloo+C<sub>3</sub>H<sub>8</sub>=>npropylooh+npropyl--
      >[npropylooh]npropylooh=>npropyloxy+OH--
      >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
      >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>CH<sub>2</sub>OOH+ipropyl--
      >[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH<sub>3</sub>+CH<sub>2</sub>O-
      ->[CH<sub>3</sub>]CH<sub>3</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>OOH+npropyl--
      >[npropyl]well 1=>OH+prod 1-->[prod 1]prod 1=>frag 1+OH--
      >[frag 1]frag 1=>vinoxy+CH<sub>2</sub>O-->[vinoxy]vinoxy+O<sub>2</sub>=>CH<sub>2</sub>O+CO+OH--
756|>[CO]
                                                                                                                  0.00024461
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	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]O ₂ +npropyl=>OH+propoxide	
757	>[propoxide]	3.3496E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +OH=>propen2yl+H ₂ O	
	>[propen2yl]propen2yl+HO ₂ =>CH ₃ +ketene+OH	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
758	>[CH ₃ O]	2.1348E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
759	>[CH ₃ O]	0.00019844
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +O=>ketene+CH ₃ +H>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
/60	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	1.8943E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O$	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
7.64	->[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	0.00022702
/61	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00032792

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
762	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00013021
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
	>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
763	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00016947
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>HO ₂ +prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
764	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.8078E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
	$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>C ₂ H ₃ +CH ₂ O	
765	$>[C_2H_3]C_2H_3+O_2=>O+vinoxy>[vinoxy]vinoxy+O_2=>CH_2O+CO+OH>[CO]$	1.4483E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
766	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00022003

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$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
767 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00032529
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
->[CH ₃]ipropyloo+CH ₃ OO=>ipropyloxy+CH ₃ O+O ₂	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
768 >[CH ₃ O]	0.00045524
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
769 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	2.2432E-05
$[OH]C_3H_8 + OH = > npropyl + H_2O - > [npropyl]npropyloo = > HO_2 + C_3H_6 + + + C_3H_6 + + + C_3H_6 + + + C_3H_6 + + + + C_3H_6 + + + + + + + + + + + + + + + + + $	
>[C ₃ H ₆]C ₃ H ₆ +CH ₃ CH ₂ OO=>allyl+CH ₃ CH ₂ OOH	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
770 >[CH ₃ O]	4.9283E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetylperoxy+HO ₂ =>CH ₃ CO ₃ H+O ₂	
>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH	
>[acetyloxy]acetyloxy+M=>CH ₃ +CO ₂ +M	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
771 >[CH ₃ O]	0.00010184

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O >[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl >[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O	
//2	>[HCO]HCO+O ₂ =>CO+HO ₂ >[CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	7.063E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH >[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ -	
773	->[C3H6]C3H6+OH=>allyl+H2O>[allyl]allyl+HO2=>allyloxy+OH>[allyloxy]	6.0819E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O>[HCO]HCO+O ₂ =>CO+HO ₂	
	>[CO]CH ₃ O+CO=>CH ₃ +CO ₂ >[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
774	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	4.5541E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+CH_3OO=>allyloxy+CH_3O$	
	$>[allyloxy]allyloxy=>C_2H_3+CH_2O>[C_2H_3]C_2H_3+O_2=>O+vinoxy$	
775	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	3.0857E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo+HO ₂ =>npropylooh+O ₂	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
776	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	2.5247E-05
	$[OH]C_3H_8 + OH = \text{ipropyl} + H_2O \text{[ipropyl]} \text{ipropyloo} = \text{>HO}_2 + C_3H_6$	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>ipropyloo	
	>[ipropyloo]ipropyloo+ipropyloo=>O ₂ +ipropyloxy+ipropyloxy	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
777	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	2 04525 05
///	>[CH ₃ O]	2.9452E-05

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
778	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00027511
778		0.00027311
770	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyl+HO ₂ =>npropyloxy+OH	1 00025 05
779	>[npropyloxy]	1.0602E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>allyloxy+OH	
	>[allyloxy]vinoxylmethyl=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
780	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.3188E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
781	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00012002
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod 1]prod 1=>frag 1+OH>[frag 1]frag 1=>vinoxy+CH ₂ O	
	$>[vinoxy]vinoxy+O_2=>CH_2O+CO+OH$	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
782	>[CH ₃ O]	0.00085342
702	\[\(\int_{\omega}\)	0.0000007

18E-05
13E-05
011239
55E-05
023314
48E-05

$>[C_3H_6]HO_2+C_3H_6=>QOOH_3>[QOOH_3]QOOH_3=>OH+propoxide$	
789 >[propoxide]	3.4992E-06
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
$>[npropyloxy]npropyloxy=>C_2H_5+CH_2O>[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2$	
$790 > [C_2H_4]C_2H_4 + HO_2 = > oxirane + OH> [oxirane]$	2.8274E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>QOOH_3	
>[QOOH_3]well_3=>well_5>[well_5]well_5=>OH+prod_3	
>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	4.0405.00
791 >[prod_3]prod_3=>frag_3+OH>[frag_3]	4.949E-06
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₂ O+HO ₂ =>HCO+H ₂ O ₂ -	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]C ₃ H ₈ +formylperoxy=>npropyl+formylooh	
792 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	2.8275E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>ipropyloo>[ipropyloo]O ₂ +ipropyl=>OH+propoxide	
793 >[propoxide]	3.3195E-06
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod	_1-
->[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
794 > [CH3CH2OOH]CH3CH2OOH=>ethoxy+OH>[ethoxy]	0.00021838

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ npropyl	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
795 <mark>>[npropylooh]</mark> npropylooh=>npropyloxy+OH>[npropyloxy]	2.2317E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
796 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00022716
$[OH]C_3H_8 + OH = \text{ipropyl} + H_2O \text{[ipropyl]}O_2 + \text{ipropyl} = \text{>} HO_2 + C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
797 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	1.5882E-05
$[OH]C_3H_8 + OH = \text{ipropyl} + H_2O \text{[ipropyl]}O_2 + \text{ipropyl} = \text{>} HO_2 + C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyl+HO ₂ =>ipropyloxy+OH	
798 >[ipropyloxy]	9.9451E-06
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
799 >[npropyl]well_1=>OH+prod_1>[prod_1]	0.00020618
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
800 >[frag_1]	0.00020627

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
801	>[CO]	0.0002063
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+CH ₃ O=>CH ₂ CHCO+CH ₃ OH	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
802	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.4705E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>ipropyloo>[ipropyloo]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide	
803	>[propoxide]	3.1754E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl	
	>[acetyl]H ₂ O ₂ +acetylperoxy=>HO ₂ +CH ₃ CO ₃ H	
804	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	2.5584E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>npropyl>[npropyl]npropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>allyloxy+OH$	
805	>[allyloxy]	6.5071E-06
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]O_2+QOOH_1=>OH+OH+frag_1-$	
	->[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
806	>[CH ₃ O]	9.7005E-05

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl	
	>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
807	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00017629
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+ipropyloo=>CH ₂ CHCO+ipropylooh	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
808	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.5697E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
809	>[CH ₃ O]	0.00019038
	$[OH]C_3H_8 + OH = > npropyl + H_2O - > [npropyl]npropyloo = > HO_2 + C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
810	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH>[propen1ol]	3.6424E-06
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
811	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00025094

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>HO ₂ +prod_2>[prod_2]prod_2=>allyloxy+OH	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
812	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.5299E-05
	COH C3H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2	
	$>[QOOH_2]QOOH_2 => HO_2 + C_3H_6>[C_3H_6]HO_2 + C_3H_6 => OH+propoxide$	
813	>[propoxide]	3.0742E-06
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+CH ₃ OO=>allyloxy+CH ₃ O	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
814	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.6332E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod_1-	
	->[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
815	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00016408
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
	>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH	
816	>[propen1ol]	1.4157E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2	
	>[QOOH_2]well_2=>HO ₂ +prod_6>[prod_6]prod_6=>propen1oxy+OH	
817	>[propen1oxy]	1.1875E-05

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>[Q(>[pr	I]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2 OOH_2]well_2=>HO ₂ +prod_6>[prod_6]prod_6=>propen1oxy+OH ropen1oxy]propen1oxy+OH=>prod_6 rod_6]prod_6=>propen1oxy+OH>[propen1oxy]	1.0912E-05
	DC3H8+OH=>npropyl+H2O>[npropyl]npropyloo=>QOOH_2 OOH_2]well_2=>HO2+prod_6>[prod_6]prod_6=>propen1oxy+OH	
>[pr	ropen1oxy]propen1oxy+OH=>prod_6 rod_6]prod_6=>propen1oxy+OH	
	ropen1oxy]propen1oxy+OH=>prod_6	
	rod_6]prod_6=>propen1oxy+OH>[propen1oxy]	8.4885E-06
	$[C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
	Second Control of the control of t	
	lyloxy]allyloxy=>acrolein+H	
	crolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH	H ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
820 >[vii	noxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.2612E-05
>[np >[np >[np >[C2 >[CH ->[C	I]C ₃ H ₈ +OH=>npropyl+H ₂ O propyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl propylooh]npropylooh=>npropyloxy+OH propyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O pH ₅ CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl H ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl propyl]well_1=>OH+prod_1>[prod_1]	0.00041806
>[np >[np >[np >[C2 >[CH ->[C	I]C ₃ H ₈ +OH=>npropyl+H ₂ O propyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl propylooh]npropylooh=>npropyloxy+OH propyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O propyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O propylOxy]npropyloxy=>CH ₃ CH ₂ OOH+ipropyl H ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl propyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
822 >[fra		0.00041963

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[OH]C_3H_8+OH=>npropyl+H_2O--
       >[npropyl]npropyloo+C<sub>3</sub>H<sub>8</sub>=>npropylooh+ipropyl--
       >[npropylooh]npropylooh=>npropyloxy+OH--
       >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
       >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>CH<sub>2</sub>OOH+ipropyl--
       >[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH<sub>3</sub>+CH<sub>2</sub>O-
       ->[CH<sub>3</sub>]CH<sub>3</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>OOH+npropyl--
       >[npropyl]well 1=>OH+prod 1-->[prod 1]prod 1=>frag 1+OH--
       >[frag_1]frag_1=>vinoxy+CH<sub>2</sub>O-->[vinoxy]vinoxy+O<sub>2</sub>=>CH<sub>2</sub>O+CO+OH--
823 > [CO]
                                                                                                                         0.00041779
       [OH]C_3H_8+OH=>npropyl+H_2O--
       >[npropyl]npropyloo+C<sub>3</sub>H<sub>8</sub>=>npropylooh+ipropyl--
       >[npropylooh]npropylooh=>npropyloxy+OH--
       >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
       >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>CH<sub>2</sub>OOH+npropyl--
      >[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH<sub>3</sub>+CH<sub>2</sub>O-
       ->[CH<sub>3</sub>]CH<sub>3</sub>OO+C<sub>3</sub>H<sub>8</sub>=>CH<sub>3</sub>OOH+ipropyl--
                                                                                                                           0.0005651
824 > [CH<sub>3</sub>OOH] CH<sub>3</sub>OOH=> CH<sub>3</sub>O+OH--> [CH<sub>3</sub>O]
       >[C<sub>3</sub>H<sub>6</sub>]H+C<sub>3</sub>H<sub>6</sub>=>npropyl--
       >[npropyl]npropyloo+npropyloo=>O<sub>2</sub>+npropyloxy+npropyloxy--
       >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
       >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+HO<sub>2</sub>=>CH<sub>3</sub>CH<sub>2</sub>OOH+O<sub>2</sub>--
       >[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH<sub>3</sub>+CH<sub>2</sub>O-
       ->[CH<sub>3</sub>]CH<sub>3</sub>OO+HO<sub>2</sub>=>CH<sub>3</sub>OOH+O<sub>2</sub>-->[CH<sub>3</sub>OOH]CH<sub>3</sub>OOH=>CH<sub>3</sub>O+OH--
825|>[CH<sub>3</sub>O]
                                                                                                                          3.9391E-05
       [OH]C_3H_8+OH=>ipropyl+H_2O--
       >[ipropyl]ipropyloo+C<sub>3</sub>H<sub>8</sub>=>ipropylooh+ipropyl--
       >[ipropylooh]ipropylooh=>ipropyloxy+OH--
       >[ipropyloxy]ipropyloxy=>CH<sub>3</sub>+acetaldehyde--
       >[acetaldehyde]acetaldehyde+OH=>acetyl+H2O--
       >[acetyl]acetyl(+M)=>CH<sub>3</sub>+CO(+M)-->[CH<sub>3</sub>]CH<sub>3</sub>OO+HO<sub>2</sub>=>CH<sub>3</sub>OOH+O<sub>2</sub>--
                                                                                                                         4.4347E-05
826 > [CH<sub>3</sub>OOH] CH<sub>3</sub>OOH=> CH<sub>3</sub>O+OH--> [CH<sub>3</sub>O]
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	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>propen1ol+OH	
827	>[propen1ol]	2.8351E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ -	
828	->[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1>[prod_1]	4.6265E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ -	
	$->$ [C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1	
829	>[prod_1]prod_1=>frag_1+OH>[frag_1]	4.6313E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
830	>[npropyl]npropyloo=>OH+propoxide>[propoxide]	2.4737E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+O ₂ =>acrolein+OH	
831	>[acrolein]	3.7793E-06
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>ipropyl>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>allyloxy+OH	
832	>[allyloxy]	6.5226E-06

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+CH ₃ OO=>allyloxy+CH ₃ O	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
833 ;	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.3401E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]acetylperoxy+HO ₂ =>CH ₃ CO ₃ H+O ₂	
834	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	0.00011208
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
1	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]	4.2184E-06
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
-	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
836	>[CH ₃ O]	0.00012996
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +O=>ketene+CH ₃ +H>[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
837	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	2.9233E-05

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyl+HO ₂ =>npropyloxy+OH	
838	>[npropyloxy]	9.3783E-06
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1	
020	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	1 20055 05
839	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.2885E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
840	>[CH ₃ O]	0.00033904
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
841	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00034193
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
	>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
	>[allyloxy]vinoxylmethyl=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
842	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.433E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyl+HO ₂ =>ipropyloxy+OH	
843	>[ipropyloxy]	8.8691E-06

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
844	>[CH ₃ O]	2.0097E-05
	$[OH]C_3H_8 + OH = > ipropyl + H_2O - > [ipropyl]O_2 + ipropyl = > HO_2 + C_3H_6 - $	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
	>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
845	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.5569E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
846	>[CH ₃ O]	0.00029485
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
	>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
847	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00014511

OHC3H8+OH=>ipropyl+H2O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
848 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	8.2733E-05
[OH]CH +OH=>ppropyl+H O >[ppropyl]ppropyloo=>HO +CH	
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ npropyl $>$ [npropyl]npropyloo+HO ₂ = $>$ npropylooh+O ₂ -	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	2.2425E-05
849 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	Z.2425E-U5
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)	
>[CH ₃]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
850 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00011855
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>HO_2+prod_2$	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H-	
>[acrolein]acrolein+ipropyloo=>CH ₂ CHCO+ipropylooh	
851 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	1.9135E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
>[prod 2]prod 2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+H=>CH ₂ CHCO+H ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
852 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.1615E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]O ₂ +ipropyl= $>$ HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
853 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	6.274E-06

	[OU]C II + OU-xinronyl II O	
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
854	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00019628
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>ipropyloo>[ipropyloo]ipropyloo=>OH+propoxide	
855	>[propoxide]	2.9575E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]C ₃ H ₈ +CH ₃ O=>npropyl+CH ₃ OH	
856	>[npropyl]well_1=>OH+prod_1>[prod_1]	9.865E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]C ₃ H ₈ +CH ₃ O=>npropyl+CH ₃ OH	
857	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH >[frag_1]	9.863E-05
837		J.803L-03
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]C ₃ H ₈ +CH ₃ O=>npropyl+CH ₃ OH-	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
858	>[CO]	9.8617E-05

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
	>[acetyl]H ₂ O ₂ +acetylperoxy=>HO ₂ +CH ₃ CO ₃ H	
	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH	
	>[acetyloxy]acetyloxy+M=>CH ₃ +CO ₂ +M	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
859	>[CH ₃ O]	7.4038E-05
	. [51,35]	
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>prod_2$	
	>[prod 2]prod 2=>allyloxy+OH>[allyloxy]allyloxy=>formylethyl	
	>[formylethyl]formylethyl=>C ₂ H ₄ +HCO>[C ₂ H ₄]C ₂ H ₄ +OH=>CH ₂ CH ₂ OH	
860	>[CH ₂ CH ₂ OH]O ₂ C ₂ H ₄ OH=>OH+CH ₂ O+CH ₂ O>[CH ₂ O]	8.413E-06
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl>[npropyl]well_1=>OH+prod_1-	
	->[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
861	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00019298
	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]npropyloo+CH ₃ CH ₂ OO=>npropyloxy+ethoxy+O ₂	
	>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
862	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00083127
	[1-1.21.12.13 - 21.1 - [01.130]	

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
863 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.45E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>ipropyloo>[ipropyloo]ipropyloo=>QOOH_3	
864 >[QOOH_3]QOOH_3=>OH+propoxide>[propoxide]	2.8724E-06
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]formylperoxy=>HCO+O ₂	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]CH ₂ O+formylperoxy=>HCO+formylooh	
865 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	1.1984E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO=>C ₂ H ₃ +CO>[C ₂ H ₃]C ₂ H ₃ +O ₂ =>O+vinoxy	
866 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.2188E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +ipropyloo=>allyl+ipropylooh	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O	
867 > [CH ₃ OOH] CH ₃ OOH=> CH ₃ O+OH> [CH ₃ O]	5.6198E-05

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
8	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00010221
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
8	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.00020597
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
	>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
	>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	$>[CH_2CHCO]CH_2CHCO=>C_2H_3+CO>[C_2H_3]C_2H_3+O_2=>O+vinoxy$	
8	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.5398E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well 1=>OH+prod 1>[prod 1]prod 1=>frag 1+OH	
	$>[frag_1]frag_1=>vinoxy+CH_2O>[vinoxy]vinoxy+O_2=>CH_2O+CO+OH$	
	>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
8	371 >[CH ₃ O]	0.00030449
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	0.00000113
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2>[allyl]allyl+HO_2=>prod_2$	
	$>[\text{prod}_2]\text{prod}_2=>\text{allyloxy+OH>[allyloxy]allyloxy=>C}_2H_4+HCO$	
8	>[C ₂ H ₄]C ₂ H ₄ +OH=>CH ₂ CH ₂ OH 372 >[CH ₂ CH ₂ OH]O ₂ C ₂ H ₄ OH=>OH+CH ₂ O+CH ₂ O>[CH ₂ O]	7.6857E-06
		7.0007 2 00

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
	>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
873	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	6.7601E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O$	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
	->[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
874	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00056252
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
075	>[ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +HO ₂ = $>$ allyl+H ₂ O ₂	5 4045 05
8/5	>[allyl]allyl+HO ₂ =>prod_2>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	5.181E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>OH+prod_3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
	>[prod 3]prod 3=>frag 3+OH>[frag 3]frag 3+OH=>prod 3	
	>[prod 3]prod 3=>frag 3+OH>[frag 3]frag 3+OH=>prod 3	
	>[prod_3]prod_3=>frag_3+OH>[frag_3]frag_3+OH=>prod_3	
876	>[prod_3]prod_3=>frag_3+OH>[frag_3]	4.0087E-06
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
877	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	4.0926E-05

	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +O=>ketene+CH ₃ +H>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	
878	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	1.6842E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O$	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +H=>allyl+H ₂	
879	>[allyl]allyl+HO ₂ =>prod_2>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	1.1838E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl	
880	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00035051
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]ipropyloo+CH ₃ OO=>ipropyloxy+CH ₃ O+O ₂	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
881	>[CH ₃ O]	0.00045529
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
	>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
	>[allyloxy]allyloxy=> $C_2H_3+CH_2O>[C_2H_3]C_2H_3+O_2=>O+vinoxy$	
882	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.2657E-05

$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
>[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H	
883 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	4.5407E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +npropyloo=>allyl+npropylooh	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂	₂ O-
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
884 >[CH ₃ O]	7.9382E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₂ O+HO ₂ =>OCH ₂ OOH-	
>[OCH ₂ OOH]OCH ₂ OOH=>CH ₂ O+HO ₂	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
885 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	8.3399E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]C ₃ H ₈ +formylperoxy=>ipropyl+formylooh	
886 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	4.5611E-05
$[OH]C_3H_8 + OH = \text{ipropyl} + H_2O \text{[ipropyl]} \text{ipropyloo} = \text{>} HO_2 + C_3H_6$	
$>[C_3H_6]C_3H_6+O=>C_2H_5+HCO$	
>[C ₂ H ₅]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
887 > [CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	3.4029E-05

$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₂ O+HO ₂ =>OCH ₂ OOH	
>[OCH ₂ OOH]OCH ₂ OOH=>CH ₂ O+HO ₂	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
888 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	6.4687E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O$	0.40072 03
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
$>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6>[C_3H_6]HO_2+C_3H_6=>QOOH_2$	
889 >[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	1.1363E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	1.13031-03
$ C_3H_6 C_3H_6+OH=>allyl+H_2O>[allyl]allyl+HO_2=>prod_2$	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>formylethyl	
$\begin{array}{ll} & > [\text{formylethyl}] \text{formylethyl} = > C_2H_4 + HCO - > [C_2H_4]C_2H_4 + HO_2 = > \text{oxirane} + OH-1 - OH-$	
890 ->[oxirane]	4.9776E-06
	4.9770L-00
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
891 >[CH ₃ O]	0.00013612
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>allyloxy+OH	
>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
892 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	1.3936E-05

[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+	·H+M
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
893 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00014466
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3$	H ₆
$>[C_3H_6]C_3H_6+OH=>allyl+H_2O$	
>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	. (11 . (11 0
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=	
->[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH:	_
894 >[CH ₃ O]	0.00013287
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]O ₂ +QOOH_1=>HO	a+prod 2
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>	_
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
895 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.0638E-05
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>HO_2+propyl+H_2O$	d_2
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>	acrolein+H
>[acrolein]acrolein+npropyloo=>CH ₂ CHCO+npropylooh	
896 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	2.3635E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod	_1
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+C	H ₂ O
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>Ch	H ₃ O+OH
>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
897 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00014728

$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]CH ₂ O+formylperoxy=>HCO+formylooh	
898 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	4.6448E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
899 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.1745E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]formylperoxy=>HCO+O ₂	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]C ₃ H ₈ +formylperoxy=>ipropyl+formylooh	
900 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	1.0048E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
901 >[CH ₃ O]	1.7912E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]vinoxy+CH ₂ O=>frag_1	
>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
902 >[CO]	4.6003E-05

[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
903 >[npropyl]well_1=>OH+prod_1>[prod_1]	0.00016842
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
904 >[frag_1]	0.00016848
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
905 >[CO]	0.00016846
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
$>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]HO2+C3H6=>QOOH_2$	
906 >[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	1.0878E-05
>[C ₃ H ₆]C ₃ H ₆ +npropyloo=>allyl+npropylooh	
907 <mark>>[allyl]</mark> allyl+HO ₂ =>allyloxy+OH>[allyloxy]	1.3712E-05

$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
908 >[CH ₃ O]	0.0001872
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
909 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	0.00017874
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O-	-
910 >[HCO]HCO+O ₂ =>CO+HO ₂ >[CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	1.2075E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
911 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	1.4095E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+ipropyloo=>CH ₂ CHCO+ipropylooh	
912 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	1.4099E-05

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[OH]C_3H_8+OH=>npropyl+H_2O-->[npropyl]npropyloo=>HO_2+C_3H_6--
      >[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+HO<sub>2</sub>=>allyl+H<sub>2</sub>O<sub>2</sub>-->[allyl]allyl+HO<sub>2</sub>=>prod 2--
      >[prod 2]prod 2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H--
      >[acrolein]acrolein+HO<sub>2</sub>=>CH<sub>2</sub>CHCO+H<sub>2</sub>O<sub>2</sub>--
      >[CH<sub>2</sub>CHCO]CH<sub>2</sub>CHCO=>C<sub>2</sub>H<sub>3</sub>+CO-->[C<sub>2</sub>H<sub>3</sub>]C<sub>2</sub>H<sub>3</sub>+O<sub>2</sub>=>O+vinoxy--
                                                                                                                   1.0847E-05
913 > [vinoxy] vinoxy + O_2 = > CH_2O + CO + OH --> [CO]
      [OH]C_3H_8+OH=>npropyl+H_2O-->[npropyl]well 1=>OH+prod 1--
      >[prod 1]prod 1=>frag 1+OH-->[frag 1]frag 1=>vinoxy+CH<sub>2</sub>O--
      >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH--
      >[CH<sub>2</sub>O]npropyloo+CH<sub>2</sub>O=>npropylooh+HCO--
      >[npropylooh]npropylooh=>npropyloxy+OH--
      >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
      >[C<sub>2</sub>H<sub>5</sub>]ipropyloo+CH<sub>3</sub>CH<sub>2</sub>OO=>ipropyloxy+ethoxy+O<sub>2</sub>--
      >[ipropyloxy]ipropyloxy=>CH<sub>3</sub>+acetaldehyde--
      >[CH<sub>3</sub>]CH<sub>3</sub>OO+HO<sub>2</sub>=>CH<sub>3</sub>OOH+O<sub>2</sub>-->[CH<sub>3</sub>OOH]CH<sub>3</sub>OOH=>CH<sub>3</sub>O+OH--
914 > [CH_3O]
                                                                                                                    0.0008039
      [OH]C_3H_8+OH=>ipropyl+H_2O-->[ipropyl]ipropyloo=>HO_2+C_3H_6--
      >[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+npropyloo=>allyl+npropylooh--
      >[npropylooh]npropylooh=>npropyloxy+OH--
      >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--
      >[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+CH<sub>2</sub>O=>CH<sub>3</sub>CH<sub>2</sub>OOH+HCO--
915 | > [CH<sub>3</sub>CH<sub>2</sub>OOH] CH<sub>3</sub>CH<sub>2</sub>OOH = > ethoxy + OH - - > [ethoxy]
                                                                                                                   7.1062E-05
      OHC3H8+OH=>npropyl+H2O-->[npropyl]well 1=>OH+prod 1--
      >[prod 1]prod 1=>frag 1+OH-->[frag 1]frag 1=>vinoxy+CH<sub>2</sub>O--
      >[CH<sub>2</sub>O]CH<sub>3</sub>CH<sub>2</sub>OO+CH<sub>2</sub>O=>CH<sub>3</sub>CH<sub>2</sub>OOH+HCO--
      >[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH<sub>3</sub>+CH<sub>2</sub>O-
      ->[CH<sub>3</sub>]CH<sub>3</sub>OO+HO<sub>2</sub>=>CH<sub>3</sub>OOH+O<sub>2</sub>-->[CH<sub>3</sub>OOH]CH<sub>3</sub>OOH=>CH<sub>3</sub>O+OH--
      >[CH<sub>3</sub>O]CH<sub>3</sub>O+O<sub>2</sub>=>CH<sub>2</sub>O+HO<sub>2</sub>--
      >[CH<sub>2</sub>O]npropyloo+CH<sub>2</sub>O=>npropylooh+HCO--
916 > [npropylooh] npropylooh => npropyloxy + OH--> [npropyloxy]
                                                                                                                  0.00015688
      [OH]C_3H_8+OH=>npropyl+H_2O-->[npropyl]well 1=>OH+prod 1--
      >[prod 1]prod 1=>frag 1+OH-->[frag 1]frag 1=>vinoxy+CH<sub>2</sub>O--
      >[vinoxy]vinoxy+O<sub>2</sub>=>CH<sub>2</sub>O+CO+OH--
      >[CH<sub>2</sub>O]CH<sub>3</sub>OO+CH<sub>2</sub>O=>CH<sub>3</sub>OOH+HCO-->[HCO]HCO+O<sub>2</sub>=>formylperoxy--
      >[formylperoxy]C<sub>3</sub>H<sub>8</sub>+formylperoxy=>ipropyl+formylooh--
917 > [formylooh] formylooh => formyloxy + OH--> [formyloxy]
                                                                                                                   4.1057E-05
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	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
	>[frag_1]frag_1=>vinoxy+CH ₂ O>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
918	>[CO]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	2.155E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]O_2+QOOH_1=>HO_2+prod_2$	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
010	$>[CH_2CHCO]CH_2CHCO=>C_2H_3+CO>[C_2H_3]C_2H_3+O_2=>O+vinoxy$	1.1125E-05
919	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.1123L-03
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
020	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	2 00015 05
920	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	3.8881E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
021	>[acetyl]H ₂ O ₂ +acetylperoxy=>HO ₂ +CH ₃ CO ₃ H	4 25745 05
921	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	4.2574E-05
	$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]npropyloo=>HO_2+C_3H_6$	
	$>[C_3H_6]H+C_3H_6=>npropyl-$	
000	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	1 000 45 05
922	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	1.9894E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>QOOH_2	
	>[QOOH_2]well_2=>HO ₂ +prod_6>[prod_6]prod_6=>propen1oxy+OH	
	>[propen1oxy]propen1oxy+OH=>prod_6	
	>[prod_6]prod_6=>propen1oxy+OH	
	>[propen1oxy]propen1oxy+OH=>prod_6	
	>[prod_6]prod_6=>propen1oxy+OH	
	>[propen1oxy]propen1oxy+OH=>prod_6	
923	>[prod_6]prod_6=>propen1oxy+OH>[propen1oxy]	5.4532E-06

924	$ [OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6>[C_3H_6]H+C_3H_6=>ipropyl>[ipropyl]ipropyloo+HO_2=>ipropylooh+O_2>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde>[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2>[acetyl]acetyl(+M)=>CH_3+CO(+M)>[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO>[CH_3OOH]CH_3OOH=>CH_3O+OH>[CH_3O]$	4.0331E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CH ₂ O]CH ₂ O+HO ₂ =>OCH ₂ OOH	
	>[OCH ₂ OOH]OCH ₂ OOH=>HOCH ₂ OO	
005	>[HOCH ₂ OO]HOCH ₂ OO+HO ₂ =>HOCH ₂ OOH+O ₂	4 45055 05
925	>[HOCH ₂ OOH]HOCH ₂ OOH=>HOCH ₂ O+OH>[HOCH ₂ O]	1.4595E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>ipropyloo	
	>[ipropyloo]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
926	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	1.5149E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	$>$ [C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]O ₂ +QOOH_1=>OH+OH+frag_1	
927	>[frag_1]	7.8683E-06
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]acetaldehyde+acetylperoxy=>acetyl+CH ₃ CO ₃ H	
	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH	
	>[acetyloxy]acetyloxy+M=>CH ₃ +CO ₂ +M	
00-	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	2 66225 5-
928	>[CH ₃ O]	3.6638E-05

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$ (C_3H_6)C_3H_6 + HO_2 = $	
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H-	
>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
929 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	1.1905E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>allyloxy+OH	
>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+ipropyloo=>CH ₂ CHCO+ipropylooh	
930 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	1.3401E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
>[acetyl]acetyl(+M)=>CH ₃ +CO(+M)>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ -	
931 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00046923
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl	
932 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00024082
$[OH]C_3H_8 + OH = > npropyl + H_2O - > [npropyl]npropyloo = > HO_2 + C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +npropyloo=>allyl+npropylooh	
933 >[allyl]allyl+HO ₂ =>allyloxy+OH>[allyloxy]	1.2196E-05
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+CH ₃ OO=>allyloxy+CH ₃ O	
>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCC)
934 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	2.6564E-05
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$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	_
$->[C_3H_6]H+C_3H_6=>npropyl>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
935 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	4.6187E-05
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]H+C3H6=>npropyl	
>[npropyl]npropyloo+HO ₂ =>npropylooh+O ₂	
936 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	2.0583E-05
$[OH]C_3H_8+OH=>npropyl+H_2O$	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+OH=>vinoxy+H ₂ O	
937 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.1869E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]C ₃ H ₆ +H=>allyl+H ₂ >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-	-
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
938 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	4.1795E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo= $>$ HO ₂ +C ₃ H ₆ >[C ₃ H ₆]C ₃ H ₆ +OH= $>$ allyl+H ₂ O	
>[allyl]allyl+HO ₂ =>prod_2>[prod_2]prod_2=>allyloxy+OH	
>[allyloxy]allyloxy=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
939 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	2.0679E-05

$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
>[C ₃ H ₆]C ₃ H ₆ +CH ₃ OO=>allyl+CH ₃ OOH>[allyl]allyl+HO ₂ =>allyloxy+OH	
940 >[allyloxy]	1.1665E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]O ₂ +ipropyl= $>$ HO ₂ +C ₃ H ₆	
$>$ [C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>prod_2	
941 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	5.5642E-06
$[OH]C_3H_8+OH=>ipropyl+H_2O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>QOOH_3	
942 >[QOOH_3]QOOH_3=>OH+propoxide>[propoxide]	1.9138E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O>[C ₂ H ₅]C ₂ H ₅ +HO ₂ =>ethoxy+OH-	_
943 >[ethoxy]	7.6644E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+npropyl	
>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]ethoxy=>CH ₃ +CH ₂ O-	
->[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
944 >[CH ₃ O]	0.00030503
$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	
$ C_3H_6 C_3H_6 + HO_2 = A_3O_2 - A_3 A_3O_2 - A$	
>[allyloxy]vinoxylmethyl=>acrolein+H	
>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
945 >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.9399E-05

[OH	H]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	propyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	propylooh]npropylooh=>npropyloxy+OH	
	propyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	$_{2}^{2}H_{5}^{1}C_{2}H_{5}^{2}+O_{2}^{2}=$ acetaldehyde+OH>[acetaldehyde]	9.9673E-06
[OH	H]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[n]	propyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ip	oropyl]O ₂ +ipropyl=>QOOH_3> <mark>[QOOH_3]</mark> QOOH_3=>OH+propoxide	
947 >[pi	ropoxide]	5.2391E-06
IOH	H]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$_{3}H_{6}$]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂ >[allyl]allyl+HO ₂ =>allyloxy+OH	
	$\frac{ y _{OXY}}{ y _{OXY}} = \frac{ y _{OXY}}{ y _{OXY}} = $	
	$\frac{1}{100} \frac{1}{100} \frac{1}$	1.0941E-05
_	$H_1^{\circ}C_3H_8+OH=>ipropyl+H_2O>[ipropyl]ipropyloo=>HO_2+C_3H_6$	1.03 112 00
	$_{3}H_{6}$]npropyl+ $C_{3}H_{6}$ => $C_{3}H_{8}$ +allyl>[allyl]allyl+ HO_{2} =>prod_2	
	rod_2]prod_2=>allyloxy+OH>[allyloxy]	1.0697E-05
	$H_1^2 C_3 H_8 + OH = $	
	rod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	$\frac{1}{1000} = \frac{1}{1000} = 1$	
	CO]HCO+O ₂ =>formylperoxy	
	prmylperoxy]formylperoxy=>HCO+O ₂ >[HCO]HCO+O ₂ =>CO+HO ₂	
	O]CO+HO ₂ =>CO ₂ +OH>[CO ₂]	1.0311E-05
[OH	$H_1^2C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
951 >[C	$_{3}H_{6}$ C ₃ H ₆ +O=>allyl+OH>[allyl]	1.3811E-05
[OH	C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
>[C ₃	$_{3}H_{6}$]C $_{3}H_{6}$ +O=>allyl+OH>[allyl]allyl+HO $_{2}$ =>prod_2	
952 >[pi	rod_2]prod_2=>allyloxy+OH>[allyloxy]	5.2705E-06
[OH	C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[pi	rod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CI	H ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[n]	propylooh]npropylooh=>npropyloxy+OH	
>[n]	propyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂	₂ H ₅]npropyloo+CH ₃ CH ₂ OO=>npropyloxy+ethoxy+O ₂	
>[n]<	propyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂	₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
953 >[Cl	H ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	0.0003732

$OH_{3}H_{8}+OH=>ipropyl+H_{2}O$	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]acetaldehyde+HO ₂ =>acetyl+H ₂ O ₂	
>[acetyl]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H	
>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH	
>[acetyloxy]acetyloxy+M=>CH ₃ +CO ₂ +M	
>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
954 >[CH ₃ O]	6.851E-05
	0.0312 03
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]ipropyloo+CH ₃ CH ₂ OO=>ipropyloxy+ethoxy+O ₂	
>[ethoxy]ethoxy=>CH ₃ +CH ₂ O>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂	0.00077883
955 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00077883
$[OH]C_3H_8+OH=>npropyl+H_2O>[npropyl]well_1=>OH+prod_1$	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]CH ₂ O+formylperoxy=>HCO+formylooh	
956 >[formylooh]formylooh=>formyloxy+OH>[formyloxy]	3.9387E-05
OHC3H8+OH=>npropyl+H2O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]C ₃ H ₈ +formylperoxy=>npropyl+formylooh	
957 >[npropyl]well_1=>OH+prod_1>[prod_1]	4.0029E-05
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]CH ₂ O+OH=>HCO+H ₂ O>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]C ₃ H ₈ +formylperoxy=>npropyl+formylooh	
>[npropyl]well_1=>OH+prod_1>[prod_1]prod_1=>frag_1+OH	
958 >[frag_1]	4.0056E-05

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[OH]C_3H_8+OH=>npropyl+H_2O-->[npropyl]well 1=>OH+prod 1--
      >[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH<sub>2</sub>O--
      >[CH<sub>2</sub>O]CH<sub>2</sub>O+OH=>HCO+H<sub>2</sub>O-->[HCO]HCO+O<sub>2</sub>=>formylperoxy--
      >[formylperoxy]C<sub>3</sub>H<sub>8</sub>+formylperoxy=>npropyl+formylooh--
      >[npropyl]well 1=>OH+prod 1-->[prod 1]prod 1=>frag 1+OH--
      >[frag_1]frag_1=>vinoxy+CH<sub>2</sub>O-->[vinoxy]vinoxy+O<sub>2</sub>=>CH<sub>2</sub>O+CO+OH--
959 >[CO]
                                                                                                               3.996E-05
      [OH]C_3H_8+OH=>npropyl+H_2O-->[npropyl]well 1=>OH+prod 1--
      >[prod 1]prod 1=>frag 1+OH-->[frag 1]frag 1=>vinoxy+CH<sub>2</sub>O--
      >[vinoxy]vinoxy+O<sub>2</sub>=>CH<sub>2</sub>O+CO+OH--
      >[CH<sub>2</sub>O]CH<sub>3</sub>CH<sub>2</sub>OO+CH<sub>2</sub>O=>CH<sub>3</sub>CH<sub>2</sub>OOH+HCO--
      >[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH<sub>3</sub>+CH<sub>2</sub>O-
      ->[CH<sub>3</sub>]CH<sub>3</sub>OO+HO<sub>2</sub>=>CH<sub>3</sub>OOH+O<sub>2</sub>-->[CH<sub>3</sub>OOH]CH<sub>3</sub>OOH=>CH<sub>3</sub>O+OH--
      >[CH<sub>3</sub>O]CH<sub>3</sub>O+M=>CH<sub>2</sub>O+H+M-->[CH<sub>2</sub>O]CH<sub>3</sub>OO+CH<sub>2</sub>O=>CH<sub>3</sub>OOH+HCO--
                                                                                                            0.00019339
960 > [CH<sub>3</sub>OOH] CH<sub>3</sub>OOH=> CH<sub>3</sub>O+OH--> [CH<sub>3</sub>O]
      [OH]C_3H_8+OH=>npropyl+H_2O--
      >[npropyl]npropyloo+C<sub>3</sub>H<sub>8</sub>=>npropylooh+npropyl--
      >[npropylooh]npropylooh=>npropyloxy+OH--
      >[npropyloxy]npropyloxy=>C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O-->[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO=>C<sub>2</sub>H<sub>4</sub>+HO<sub>2</sub>--
      >[C_2H_4]C_2H_4+HO_2=>CH_2CH_2OOH--
                                                                                                             5.1655E-06
961 > [CH<sub>2</sub>CH<sub>2</sub>OOH] CH<sub>2</sub>CH<sub>2</sub>OOH=> oxirane+OH--> [oxirane]
      [OH]C_3H_8+OH=>ipropyl+H_2O-->[ipropyl]ipropyloo=>HO_2+C_3H_6--
      >[C_3H_6]HO_2+C_3H_6=>O_2+ipropy]--
      >[ipropyl]ipropyloo+HO<sub>2</sub>=>ipropylooh+O<sub>2</sub>--
      >[ipropylooh]ipropylooh=>ipropyloxy+OH--
      >[ipropyloxy]ipropyloxy=>CH<sub>3</sub>+acetaldehyde--
      >[CH<sub>3</sub>]CH<sub>3</sub>OO+HO<sub>2</sub>=>CH<sub>3</sub>OOH+O<sub>2</sub>-->[CH<sub>3</sub>OOH]CH<sub>3</sub>OOH=>CH<sub>3</sub>O+OH--
962 |>[CH<sub>3</sub>O]
                                                                                                             1.6708E-05
      [OH]C_3H_8+OH=>ipropyl+H_2O-->[ipropyl]O_2+ipropyl=>HO_2+C_3H_6--
      >[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+HO_2=>allyloxy+OH--
      >[allyloxy]allyloxy=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy--
                                                                                                               9.789E-06
963 > [vinoxy] vinoxy + O_2 = > CH_2O + CO + OH --> [CO]
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	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
	>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
	>[allyloxy]vinoxylmethyl=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
964	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.8203E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+OH=>allyl+H_2O$	
	>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
	>[CH ₃ O]CH ₃ O+O ₂ =>CH ₂ O+HO ₂ >[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
965	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	5.1659E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>$ [C ₃ H ₆]C ₃ H ₆ +OH=>allyl+H ₂ O>[allyl]allyl+HO ₂ =>prod_2	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
	>[CH ₂ CHCO]CH ₂ CHCO=>C ₂ H ₃ +CO>[C ₂ H ₃]C ₂ H ₃ +O ₂ =>O+vinoxy	
966	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.9983E-05
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
	>[acetyl]acetylperoxy+HO ₂ =>CH ₃ CO ₃ H+O ₂	
	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH	
	>[acetyloxy]acetyloxy+M=>CH ₃ +CO ₂ +M	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
967	>[CH ₃ O]	8.7341E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>ipropyloo>[ipropyloo]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
968	$>[C_3H_6]HO_2+C_3H_6=>OH+propoxide>[propoxide]$	2.3277E-06

[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
969 >[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	0.00013713
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl	
>[npropyl]npropyloo+npropyloo=>O ₂ +npropyloxy+npropyloxy	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
970 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	3.3889E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[HCO]HCO+O ₂ =>formylperoxy	
>[formylperoxy]CH ₂ O+formylperoxy=>HCO+formylooh	
971 <mark>>[formylooh]</mark> formylooh=>formyloxy+OH>[formyloxy]	4.4613E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]npropyloo+HO ₂ =>npropylooh+O ₂	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+C ₃ H ₈ =>CH ₃ CH ₂ OOH+ipropyl	
972 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	3.5165E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]CH ₃ OO+acetaldehyde=>CH ₃ OOH+acetyl	
973 >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	6.8933E-05

	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +HO ₂ =>allyl+H ₂ O ₂	
	>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
974	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	6.4417E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	$>[npropyloxy]npropyloxy=>C_2H_5+CH_2O>[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2$	
	>[C ₂ H ₄]C ₂ H ₄ +HO ₂ =>CH ₂ CH ₂ OOH	
975	>[CH ₂ CH ₂ OOH]CH ₂ CH ₂ OOH=>oxirane+OH>[oxirane]	5.1547E-06
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+npropyl	
976	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	0.00031119
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$ C_3H_6 C_3H_6+HO_2=$ $ C_3H_6 C_3H_6+HO_2=$ $ C_3H_6 C_3H_6+HO_3=$	
	>[prod 2]prod 2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>acrolein+H	
	>[acrolein]acrolein+HO ₂ =>CH ₂ CHCO+H ₂ O ₂	
977	>[CH ₂ CHCO]CH ₂ CHCO=>C ₂ H ₃ +CO>[C ₂ H ₃]C ₂ H ₃ +O ₂ =>O+vinoxy >[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	9.4215E-06
311		J.421JL-00
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]C_3H_6+OH=>allyl+H_2O$	
	>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
	>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M>[CH ₂ O]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO	
978	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]	5.2633E-05
	[2123-2	

	$OH_{2}H_{8}+OH=>npropyl+H_{2}O>[npropyl]well_1=>HO_{2}+prod_2$	
	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy+O ₂ =>acrolein+HO ₂	
	>[acrolein]acrolein+CH ₃ OO=>CH ₂ CHCO+CH ₃ OOH	
>	>[CH ₂ CHCO]CH ₂ CHCO+O ₂ =>vinoxy+CO ₂	
979 >	>[vinoxy]vinoxy+O ₂ =>CH ₂ O+CO+OH>[CO]	1.9035E-05
[$OH_{3}H_{8}+OH=>ipropyl+H_{2}O>[ipropyl]O_{2}+ipropyl=>HO_{2}+C_{3}H_{6}$	
>	$\sim [C_3H_6]C_3H_6 + OH = \sim allyl + H_2O - \sim [allyl]allyl + HO_2 = \sim prod_2 - \sim allyl + H_2O - \sim allyl + H_2$	
>	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein+H	
>	[acrolein]acrolein+npropyloo=>CH ₂ CHCO+npropylooh	
980 >	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	1.4965E-05
[1	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
>	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+npropyl	
>	[npropylooh]npropylooh=>npropyloxy+OH	
>	[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>	>[CH ₂ O]CH ₂ O+acetylperoxy=>HCO+CH ₃ CO ₃ H	
981 >	>[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	1.8865E-05
[1	OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_2	
>	[prod_2]prod_2=>allyloxy+OH>[allyloxy]vinoxylmethyl=>C ₂ H ₄ +HCO	
>	$\left[C_{2}H_{4}\right]C_{2}H_{4}+OH=>CH_{2}CH_{2}OH$	
982 >	>[CH ₂ CH ₂ OH]O ₂ C ₂ H ₄ OH=>OH+CH ₂ O+CH ₂ O>[CH ₂ O]	8.4996E-06
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
>	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
>	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
>	[ipropylooh]ipropylooh=>ipropyloxy+OH	
>	[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
983 >	>[CH ₃]CH ₃ +HO ₂ =>CH ₃ O+OH>[CH ₃ O]	6.2404E-05
[1	$OH_1C_3H_8+OH=>ipropyl+H_2O$	
>	<mark>-[ipropyl]</mark> ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>	[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	CH ₃ CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆ -	
-:	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+HO ₂ =>ipropylooh+O ₂	
984 >	<pre>>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]</pre>	2.8774E-05

[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	6
$>$ [C ₃ H ₆]C ₃ H ₆ +CH ₃ =>allyl+CH ₄ >[allyl]allyl+HO ₂ =>prod_2	
985 >[prod_2]prod_2=>allyloxy+OH>[allyloxy]	9.6289E-06
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
>[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl	
>[acetyl]H ₂ O ₂ +acetylperoxy=>HO ₂ +CH ₃ CO ₃ H	
986 >[CH ₃ CO ₃ H]CH ₃ CO ₃ H=>acetyloxy+OH>[acetyloxy]	2E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>HO ₂ +prod_	2
>[prod_2]prod_2=>allyloxy+OH>[allyloxy]allyloxy=>acrolein	ı+H
>[acrolein]acrolein+npropyloo=>CH ₂ CHCO+npropylooh	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO+HO ₂ =>CH ₃ CH ₂ OOH+O ₂	
987 >[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	3.94E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	1
>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH	20
>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
>[npropylooh]npropylooh=>npropyloxy+OH	
>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
>[C ₂ H ₅]CH ₃ CH ₂ OO=>CH ₂ CH ₂ OOH	
988 >[CH ₂ CH ₂ OOH]CH ₂ CH ₂ OOH=>oxirane+OH>[oxirane]	1.7694E-05
[OH]C3H8+OH=>npropyl+H2O>[npropyl]O2+npropyl=>HO2+O3+O4+O5+O5+O5+O5+O5+O5+O5+O5	C ₃ H ₆
$ $ $ $ $ $ $ $ $ $ $ $ $ $ $ $ $ $	
989 >[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	8.121E-06

		-
	$[OH]C_3H_8+OH=>ipropyl+H_2O$	
	>[ipropyl]ipropyloo+C ₃ H ₈ =>ipropylooh+ipropyl	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+C ₃ H ₈ =>CH ₃ OOH+ipropyl	
	>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH>[CH ₃ O]CH ₃ O+M=>CH ₂ O+H+M	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+HO ₂ =>CH ₃ OOH+O ₂ >[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
990	>[CH ₃ O]	0.00014893
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>npropyl>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]ipropyloo+CH ₂ O=>ipropylooh+HCO	
991	>[ipropylooh]ipropylooh=>ipropyloxy+OH>[ipropyloxy]	2.361E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]well_1=>OH+prod_1	
	>[prod_1]prod_1=>frag_1+OH>[frag_1]frag_1=>vinoxy+CH ₂ O	
	>[CH ₂ O]CH ₂ O+HO ₂ =>CH ₂ OH+O ₂ >[CH ₂ OH]CH ₂ OH+O ₂ =>CH ₂ O+HO ₂	
	>[CH ₂ O]npropyloo+CH ₂ O=>npropylooh+HCO	
992	>[npropylooh]npropylooh=>npropyloxy+OH>[npropyloxy]	2.8948E-05
	[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]O ₂ +ipropyl=>HO ₂ +C ₃ H ₆	
	$>[C_3H_6]H+C_3H_6=>npropyl>[npropyl]npropyloo=>HO_2+C_3H_6$	
993	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>OH+propoxide>[propoxide]	2.2446E-06
	$>[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2$	
	>[allyl]npropyloo+allyl=>npropyloxy+allyloxy	
	>[npropyloxy]npropyloxy=>C ₂ H ₅ +CH ₂ O	
	>[C ₂ H ₅]CH ₃ CH ₂ OO+CH ₂ O=>CH ₃ CH ₂ OOH+HCO	
994	>[CH ₃ CH ₂ OOH]CH ₃ CH ₂ OOH=>ethoxy+OH>[ethoxy]	5.7272E-05
	[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O	
	>[npropyl]npropyloo+C ₃ H ₈ =>npropylooh+ipropyl	
	>[npropylooh]npropylooh=>npropyloxy+OH	
	>[npropyloxy]npropyloxy= $>$ C ₂ H ₅ +CH ₂ O $>$ [C ₂ H ₅]CH ₃ CH ₂ OO= $>$ C ₂ H ₄ +HO ₂	
	$>[C_2H_4]C_2H_4+HO_2=>CH_2CH_2OOH$	
995	>[CH ₂ CH ₂ OOH]CH ₂ CH ₂ OOH=>oxirane+OH>[oxirane]	8.88E-06

[$[OH]C_3H_8+OH=>ipropyl+H_2O>[ipropyl]O_2+ipropyl=>HO_2+C_3H_6$	
	>[C ₃ H ₆]H+C ₃ H ₆ = $>$ ipropyl $>$ [ipropyl]O ₂ +ipropyl= $>$ HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]HO ₂ +C ₃ H ₆ =>QOOH_2>[QOOH_2]QOOH_2=>OH+propoxide	
996 >	>[propoxide]	2.2065E-06
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
997	>[C ₃ H ₆]C ₃ H ₆ +O=>allyl+OH>[allyl]	1.2212E-05
[OH]C ₃ H ₈ +OH=>npropyl+H ₂ O>[npropyl]npropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]C ₃ H ₆ +O=>allyl+OH>[allyl]allyl+HO ₂ =>prod_2	
998 >	>[prod_2]prod_2=>allyloxy+OH>[allyloxy]	4.6849E-06
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O>[ipropyl]ipropyloo=>HO ₂ +C ₃ H ₆	
	>[C ₃ H ₆]H+C ₃ H ₆ =>ipropyl>[ipropyl]ipropyloo+CH ₂ O=>ipropylooh+HCO	
	>[ipropylooh]ipropylooh=>ipropyloxy+OH	
>	>[ipropyloxy]ipropyloxy=>CH ₃ +acetaldehyde	
	>[CH ₃]CH ₃ OO+CH ₂ O=>CH ₃ OOH+HCO>[CH ₃ OOH]CH ₃ OOH=>CH ₃ O+OH	
999 >	>[CH ₃ O]	5.1967E-05
[OH]C ₃ H ₈ +OH=>ipropyl+H ₂ O	
	> <mark>[ipropyl]</mark> ipropyloo+C ₃ H ₈ =>ipropylooh+npropyl	
	> <mark>[npropyl]</mark> O ₂ +QOOH_1=>HO ₂ +prod_2> <mark>[prod_2]</mark> prod_2=>allyloxy+OH	
1000 >	>[allyloxy]	1.7249E-05