1	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]	0.00254455
2	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	0.00710584
3	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-->[propoxide]	0.00144068
4	[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]	0.00197239
5	[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]	0.00208199
6	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	0.00075572
7	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	0.00624673
8	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	0.00093646
9	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]	0.00144494
10	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]	0.00101995
11	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]	0.00101995
12	[ipropyl]ipropyloo+C_3H_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-->[CO]	0.0010193
13	[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	0.00192839
14	[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-->[allyloxy]	0.00098754
15	[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	0.0021446
16	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-->[propoxide]	0.00081805

17	[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]	0.00111995
18	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	0.00068115
19	[ipropyl]O_2+ipropyl=>OH+propoxide-->[propoxide]	0.003116
20	[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]	0.00118243
21	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	0.00010959
22	[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]	0.00010907
23	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	0.00042911
24	[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_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CO]	0.00010903
25	[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]	0.00053169
26	[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]	1.9823E-05
27	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	0.00016728
28	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	8.6205E-05

29	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]	4.6049E-05
30	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]prod_1=>frag_1+OH-->[frag_1]	4.6048E-05
31	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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-->[CO]	4.6019E-05
32	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	0.00028266
33	[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-->[allyloxy]	0.00056083
34	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	8.6336E-05
35	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	0.0005988
36	[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-- >[propoxide]	0.00066969

37	[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]	2.1382E-05
38	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.1633E-05
39	[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]	6.8446E-05
40	[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+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]	1.507E-05
41	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.0382E-05
42	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	2.8301E-05
43	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	0.00015097
44	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	2.2315E-06

45	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.9706E-05
46	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	6.2219E-05
47	[ipropyl]O_2+ipropyl=>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]	6.1981E-05
48	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	7.1654E-05
49	[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-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	7.0914E-06
50	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+CH_3OO=>allyl+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.714E-05
51	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.23E-05
52	[ipropyl]O_2+ipropyl=>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_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CO]	6.1918E-05
53	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.2284E-05
54	[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-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.1393E-05

55	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[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+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	0.00014698
56	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.1167E-06
57	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]	4.0481E-05
58	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]prod_1=>frag_1+OH-->[frag_1]	4.0481E-05
59	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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-->[CO]	4.0455E-05
60	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	0.00024849

61	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[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]	4.1477E-06
62	[ipropyl]O_2+ipropyl=>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]	1.1256E-05
63	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	1.2691E-06
64	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.2518E-05
65	[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+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]	1.6142E-05
66	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.748E-05
67	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[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]	1.8927E-06
68	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	3.2485E-05

69	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.1694E-05
70	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6- ->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]	1.7068E-06
71	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	0.00023554
72	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[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]	4.1188E-06
73	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	4.895E-05
74	[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]well_3=>well_2-- >[well_2]QOOH_2=>OH+propoxide-->[propoxide]	4.6736E-06
75	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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]	1.73E-06
76	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.5615E-05
77	[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+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]	7.2035E-06
78	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.9026E-05

79	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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]	9.6804E-05
80	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.9019E-05
81	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.0083E-06
82	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>ethenol+CH_3-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.9713E-05
83	[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_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.9769E-06
84	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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]	1.8001E-06
85	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.6717E-05

86	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	7.5338E-06
87	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.8318E-06
88	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.4334E-05
89	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-->[allyl]allyl+HO_2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	3.1972E-05
90	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide- ->[propoxide]	5.729E-06
91	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]propen1ol+HO_2=>CH_2O+C_2H_3+H_2O_2-- >[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	8.9236E-06
92	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide- ->[propoxide]	5.0059E-05
93	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	1.2936E-06

94	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH_2O+C_2H_3+H_2O-- >[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	5.3051E-06
95	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.7715E-06
96	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6- ->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-->[propoxide]	9.6642E-07
97	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+CH_3OO=>allyl+CH_3OOH-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	3.1448E-05
98	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]	8.6011E-05
99	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]	9.499E-06
100	[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+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	5.5998E-06

101	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.6357E-06
102	[ipropyl]O_2+ipropyl=>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]	1.2142E-05
103	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+ipropyloo=>O_2+ipropyloxy+ipropyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.575E-07
104	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.855E-05
105	[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=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.2816E-05
106	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]propen1ol+H=>C_3H_6+OH-->[C_3H_6]	1.3683E-06
107	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[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]	1.3231E-06

108	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.7081E-06
109	[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=>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]	8.5678E-06
110	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.2623E-06
111	[ipropyl]O_2+ipropyl=>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]	3.8869E-05
112	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	6.6671E-07
113	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>C_2H_4+CH_3-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.0634E-05
114	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.1321E-05
115	[ipropyl]ipropyloo=>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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.085E-05

116	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	5.2921E-05
117	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-->[allyl]allyl+HO_2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.4435E-05
118	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]O_2+ipropyl=>OH+propoxide-->[propoxide]	5.6693E-06
119	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	1.6069E-05
120	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.123E-05
121	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	3.7642E-06
122	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-- >[propoxide]	3.3532E-06
123	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-->[allyl]allyl+HO_2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	8.1864E-06
124	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.5739E-05
125	[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=>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]	2.619E-06

126	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[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]	7.3582E-07
127	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	9.8151E-07
128	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	1.2662E-06
129	[ipropyl]ipropyloo=>HO_2+C_3H_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_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.5151E-05
130	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	9.9357E-05
131	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	8.3736E-07
132	[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-->[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]	7.6906E-06
133	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.0415E-05
134	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+HO_2=>C_2H_4+HCO+OH-->[C_2H_4]	5.9451E-06

135	[ipropyl]ipropyloo=>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_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.4621E-06
136	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[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]	1.3967E-06
137	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.1197E-05
138	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.0157E-06
139	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.0995E-06
140	[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=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.4612E-05
141	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.1553E-05

142	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.1717E-05
143	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]O_2+npropyl=>OH+propoxide-->[propoxide]	5.3982E-06
144	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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]	1.0074E-06
145	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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-->[allyloxy]	8.7044E-07
146	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.6639E-06
147	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	7.4809E-07
148	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.0689E-05
149	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	0.00011301
150	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.2369E-07

151	[ipropyl]O_2+ipropyl=>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-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.0298E-06
152	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>ketene+CH_3+H-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.4276E-05
153	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.992E-05
154	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+CH_3OO=>allyl+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.8139E-05
155	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyl+HO_2=>ipropyloxy+OH-->[ipropyloxy]	6.2346E-06
156	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.1015E-05
157	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[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]	4.4143E-06
158	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.834E-05

159	[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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.2799E-06
160	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+acetylperoxy=>acetyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	9.149E-07
161	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyl+HO_2=>npropyloxy+OH-->[npropyloxy]	8.9709E-06
162	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.9939E-07
163	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	7.8812E-07
164	[ipropyl]O_2+ipropyl=>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-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.1876E-05
165	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.4022E-05

166	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.4395E-06
167	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+HO_2=>CH_3+ketene+OH-->[ketene]	5.1516E-06
168	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>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]	1.0478E-06
169	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.2606E-05
170	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6- ->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]	1.5005E-06
171	[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+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.003E-06
172	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.2808E-05

173	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[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]	3.0043E-06
174	[ipropyl]ipropyloo=>HO_2+C_3H_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_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.0278E-06
175	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.0852E-06
176	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	1.5155E-05
177	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.1866E-06
178	[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_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.6465E-06
179	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	1.2587E-05

180	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6- ->[C_3H_6]HO_2+C_3H_6=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-- >[propoxide]	5.071E-07
181	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.4736E-06
182	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[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]	2.1615E-06
183	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[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]	2.3577E-06
184	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.5382E-06
185	[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]well_3=>well_5-- >[well_5]well_5=>OH+prod_3-->[prod_3]	1.0491E-05
186	[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]	1.0491E-05
187	[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]	9.5829E-07

188	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.1716E-07
189	[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_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.8952E-06
190	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.7038E-06
191	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[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]	8.7393E-05
192	[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]well_3=>well_5-- >[well_5]well_5=>well_3-->[well_3]QOOH_3=>OH+propoxide-- >[propoxide]	1.5116E-06
193	[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]	4.4527E-08
194	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.7945E-06

195	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[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]	8.5146E-05
196	[ipropyl]ipropyloo=>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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	5.6077E-05
197	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.0473E-06
198	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	3.7411E-07
199	[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]well_3=>OH+prod_4-- >[prod_4]	1.2914E-05
200	[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]well_3=>OH+prod_4-- >[prod_4]prod_4=>frag_4+OH-->[frag_4]	1.2914E-05
201	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	7.1484E-07
202	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+CH_3OO=>allyl+CH_3OOH-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	1.4906E-05
203	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>allyl+OH-->[allyl]	2.7747E-05

204	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>allyl+OH-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.2329E-05
205	[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=>C_2H_3+CH_2O-- >[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.5577E-05
206	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	5.5083E-07
207	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	6.6246E-06
208	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	1.8446E-05
209	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.4698E-05
210	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.2493E-06
211	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	9.9237E-06

212	[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+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.4022E-06
213	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.2476E-06
214	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[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]	1.0716E-06
215	[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]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]	9.1996E-06
216	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.2232E-06
217	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6- ->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	6.2893E-07
218	[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]	6.1248E-06

219	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	6.64E-06
220	[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_2H_5+CH_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.4078E-06
221	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.9996E-07
222	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]QOOH_1=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-- >[propoxide]	5.1131E-06
223	[ipropyl]ipropyloo+C_3H_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_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.8527E-06
224	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[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]	2.3393E-06
225	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	8.9257E-06
226	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	4.2573E-07

227	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.5657E-06
228	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.275E-05
229	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[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=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.8927E-07
230	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	1.0667E-05
231	[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+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.2621E-07
232	[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+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.6631E-06

233	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.0861E-07
234	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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]	9.8094E-07
235	[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_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.1456E-05
236	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	4.8449E-07
237	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+npropyloo=>ipropyloxy+npropyloxy+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.0555E-07
238	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.5248E-06
239	[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]well_3=>HO_2+prod_7-- >[prod_7]prod_7=>propen2oxy+OH-->[propen2oxy]	1.3559E-05

240	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6- ->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-->[propoxide]	8.4969E-07
241	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.5891E-05
242	[ipropyl]ipropyloo+C_3H_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_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.7001E-06
243	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>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]	7.2112E-07
244	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	9.7036E-07
245	[ipropyl]ipropyloo=>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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	7.1861E-06

246	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	5.3288E-07
247	[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-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.2968E-05
248	[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_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CO]	6.1217E-06
249	[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-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.4227E-06
250	[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-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.0895E-06
251	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	6.9203E-07
252	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	6.9204E-07

253	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_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-- >[CO]	6.9159E-07
254	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[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]	1.164E-06
255	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.3868E-06
256	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	7.8443E-07
257	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.1532E-05

258	[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-- >[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]	2.8106E-06
259	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.7424E-06
260	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	7.1264E-06
261	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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]	1.0225E-06
262	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[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]	5.8305E-07
263	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.8233E-05
264	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	5.7268E-07

265	[ipropyl]ipropyloo+C_3H_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_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.6633E-06
266	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.2984E-07
267	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-->[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.629E-05
268	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	8.7756E-06
269	[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=>formylethyl-->[formylethyl]formylethyl=>C_2H_4+HCO-->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-->[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	3.1982E-07
270	[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_2O_2-->[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.9053E-06

271	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	6.8392E-06
272	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.6395E-06
273	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>ethenol+CH_3-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.6892E-05
274	[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=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.2608E-06
275	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-->[allyl]allyl+HO_2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.8157E-05
276	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[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]	9.7615E-06
277	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>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]	3.2889E-07
278	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]O_2+QOOH_1=>OH+OH+frag_1-->[frag_1]	5.3472E-05
279	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CO]	5.3438E-05

280	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	9.0941E-06
281	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.5306E-06
282	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+npropyloo=>O_2+npropyloxy+npropyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.1228E-07
283	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetaldehyde+acetylperoxy=>acetyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	7.0537E-07
284	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.5435E-07
285	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	2.7112E-06
286	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.1479E-06

287	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	1.3133E-06
288	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.7416E-05
289	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.0266E-06
290	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[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-- >[allyloxy]	6.6255E-07
291	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.1433E-07
292	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide- ->[propoxide]	3.2533E-06
293	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.8916E-06
294	[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-->[allyloxy]allyloxy=>C_2H_3+CH_2O-- >[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.6425E-05

295	[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]	1.366E-09
296	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.6747E-07
297	[ipropyl]ipropyloo+C_3H_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_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.6447E-06
298	[ipropyl]ipropyloo=>HO_2+C_3H_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=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	6.0477E-07
299	[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_2H_5+CH_2O-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.2638E-06
300	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.255E-07
301	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]ipropyloo+CH_3OO=>ipropyloxy+CH_3O+O_2-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.9813E-07

302	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	1.461E-06
303	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]C_3H_8+acetylperoxy=>ipropyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	6.5882E-07
304	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]propen1ol+HO_2=>CH_2O+C_2H_3+H_2O_2-- >[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	5.0762E-06
305	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	7.3721E-07
306	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	3.8771E-06
307	[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+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	6.2441E-07
308	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-- >[allyloxy]vinoxylmethyl=>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]	7.1562E-07

309	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide- ->[propoxide]	2.2641E-06
310	[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=>C_2H_4+HCO-->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	3.6745E-07
311	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+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]	3.2345E-06
312	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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]	4.8828E-07
313	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+CH_3OO=>allyl+CH_3OOH-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.7859E-05
314	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH_2O+C_2H_3+H_2O-- >[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.009E-06
315	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]vinoxylmethyl=>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]	1.2521E-06

316	[ipropyl]ipropyloo+C_3H_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_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.4741E-06
317	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.0669E-07
318	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]	5.3939E-06
319	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.849E-06
320	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]well_2=>well_3-->[well_3]QOOH_3=>OH+propoxide-- >[propoxide]	7.0405E-07
321	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]	3.8874E-06
322	[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]well_3=>well_2-- >[well_2]QOOH_2=>OH+propoxide-->[propoxide]	1.623E-06
323	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>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=>allyloxy+OH-->[allyloxy]	5.0929E-07

324	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.2089E-06
325	[ipropyl]ipropyloo+C_3H_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_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.1597E-06
326	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]propen1ol+H=>C_3H_6+OH-->[C_3H_6]	7.7634E-07
327	[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_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.8636E-05
328	[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=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.1826E-06
329	[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=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.2082E-05
330	[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-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.1101E-06

331	[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_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.9998E-06
332	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	2.7608E-07
333	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+ipropyloo=>O_2+ipropyloxy+ipropyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.5966E-07
334	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	5.4946E-07
335	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.5141E-06
336	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	2.0659E-07
337	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.6732E-07

338	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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_3+HO_2=>CH_3O+OH-- >[CH_3O]	9.8948E-06
339	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	4.3142E-07
340	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[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]	1.545E-06
341	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.5331E-06
342	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]	2.7134E-06
343	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-- >[propoxide]	1.2051E-06

344	[ipropyl]ipropyloo+C_3H_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_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.7904E-06
345	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	3.904E-08
346	[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=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.941E-07
347	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.7652E-05
348	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.7917E-07
349	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.4867E-07
350	[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-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.1834E-05

351	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	7.3238E-07
352	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.4191E-06
353	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.7657E-08
354	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>C_2H_4+CH_3-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.1713E-05
355	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	6.4312E-06
356	[ipropyl]ipropyloo=>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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.1803E-06
357	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.0684E-07
358	[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-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.0395E-06

359	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.0266E-06
360	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]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]	3.7745E-07
361	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[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]	7.5237E-07
362	[ipropyl]ipropyloo=>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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.4146E-05
363	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	0.00271559
364	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.8563E-07
365	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>allyl+OH-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	5.8585E-06

366	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[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]	1.227E-06
367	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]O_2+ipropyl=>OH+propoxide-->[propoxide]	3.2193E-06
368	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[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+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.6678E-05
369	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	9.5324E-06
370	[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_2H_5+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	5.656E-07
371	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.7258E-06
372	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>ethenol+CH_3-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.7183E-05

373	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	7.8551E-06
374	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	3.0102E-05
375	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.7137E-07
376	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>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]	1.03E-05
377	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.8207E-06
378	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.1096E-06

379	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.1928E-06
380	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	2.2435E-07
381	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-->[allyl]allyl+HO_2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	8.1967E-06
382	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.0947E-07
383	[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-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.8506E-06
384	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]O_2+npropyl=>OH+propoxide-->[propoxide]	4.3624E-05
385	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]C_3H_8+acetylperoxy=>npropyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	5.8686E-07
386	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.971E-07

387	[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+OH=>CH_2CHCO+H_2O-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.9792E-07
388	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>C_2H_5+HCO-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	3.6193E-06
389	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.7568E-07
390	[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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.7652E-06
391	[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+npropyloo=>CH_2CHCO+npropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	5.2697E-07
392	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.088E-07

393	[ipropyl]ipropyloo+C_3H_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_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.6031E-06
394	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	6.3791E-06
395	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-- >[propoxide]	1.9041E-06
396	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.6305E-07
397	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	2.1374E-06
398	[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=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	9.7189E-07
399	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+ipropyloo=>O_2+ipropyloxy+ipropyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.4703E-08

400	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-->[allyl]allyl+HO_2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	4.6466E-06
401	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.1196E-06
402	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetaldehyde+acetylperoxy=>acetyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	6.366E-07
403	[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_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	7.8625E-07
404	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyl+HO_2=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.2114E-06
405	[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_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.4931E-06

406	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.266E-06
407	[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-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.4988E-06
408	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[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]	4.185E-07
409	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.9657E-07
410	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.4666E-07
411	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	9.4138E-06

412	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.2855E-07
413	[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-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.2789E-05
414	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+CH_3CH_2OO=>npropyloxy+ethoxy+O_2-- >[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.3479E-07
415	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]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]	3.9208E-07
416	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.115E-07
417	[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-->[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]	4.3663E-06
418	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	4.7489E-07

419	[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]	5.2523E-07
420	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	1.5645E-06
421	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	1.5592E-06
422	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_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-- >[CO]	1.5579E-06
423	[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-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.4589E-07
424	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.1693E-06
425	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>npropyloo-- >[npropyloo]well_1=>OH+prod_1-->[prod_1]	2.8151E-06
426	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>npropyloo-- >[npropyloo]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	2.8021E-06

427	[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]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.8105E-08
428	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[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]	2.6395E-06
429	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+acetylperoxy=>allyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.2178E-06
430	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+HO_2=>C_2H_4+HCO+OH-->[HCO]	3.376E-06
431	[ipropyl]ipropyloo=>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_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.6487E-06
432	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O_2=>allyl+HO_2-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	4.9709E-06
433	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6- ->[C_3H_6]HO_2+C_3H_6=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-- >[propoxide]	4.4579E-07

434	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.578E-07
435	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.3838E-07
436	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]C_3H_8+acetylperoxy=>ipropyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	5.9491E-07
437	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+acetylperoxy=>acetyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	8.0427E-07
438	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	6.1732E-07
439	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	9.3081E-08
440	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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]	9.2113E-08

441	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.4984E-07
442	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.4191E-06
443	[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_2H_5+CH_2O-- >[C_2H_5]npropyloo+CH_3CH_2OO=>npropyloxy+ethoxy+O_2-- >[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.0896E-07
444	[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_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.9884E-07
445	[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_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.065E-07
446	[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+OH=>vinoxy+H_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.1658E-08

447	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.2327E-07
448	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.8213E-07
449	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.2583E-07
450	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.5516E-07
451	[ipropyl]O_2+ipropyl=>HO_2+C_3H_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_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	8.6065E-06
452	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.8702E-07

453	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.5524E-06
454	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.4926E-06
455	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]O_2+ipropyl=>OH+propoxide-->[propoxide]	2.125E-06
456	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.286E-07
457	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.2713E-07
458	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.7383E-06
459	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]well_2=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]	1.6922E-06

460	[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_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.5266E-06
461	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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]	7.9387E-07
462	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+O_2=>acrolein+OH-->[acrolein]	2.2726E-06
463	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.8215E-08
464	[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+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	6.6785E-07
465	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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]	5.7206E-07
466	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]vinoxylmethyl=>C_2H_3+CH_2O-- >[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	5.4371E-06
467	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>ketene+CH_3+H-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.3779E-05

468	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	4.2517E-07
469	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.7246E-07
470	[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]allyloxy=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.9661E-05
471	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>C_3H_6+O_2-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	1.9217E-07
472	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	2.8256E-07
473	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>C_2H_4+CH_3-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.1937E-05
474	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.0763E-07
475	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	5.9174E-06
476	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyl+HO_2=>ipropyloxy+OH-->[ipropyloxy]	3.5389E-06

477	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.1081E-06
478	[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-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	2.8333E-07
479	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.5215E-07
480	[ipropyl]ipropyloo=>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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.9343E-05
481	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>O_2+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	2.7301E-07
482	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[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_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CO]	2.7996E-06
483	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.6346E-06

484	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>O_2+ipropyl-- >[ipropyl]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	5.1682E-06
485	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]O_2+npropyl=>OH+propoxide-->[propoxide]	3.0641E-06
486	[ipropyl]ipropyloo=>HO_2+C_3H_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-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	9.2578E-06
487	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.836E-05
488	[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+OH=>vinoxy+H_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.072E-07
489	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	4.8329E-07
490	[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_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>oxirane+OH-- >[oxirane]	2.7697E-06
491	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.834E-07

492	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.97E-07
493	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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-->[allyloxy]	4.9409E-07
494	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	3.2907E-07
495	[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_2H_5+CH_2O-- >[C_2H_5]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.3797E-07
496	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.7992E-06
497	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.0505E-05

498	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	7.83E-08
499	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.1141E-06
500	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.9968E-06
501	[ipropyl]O_2+ipropyl=>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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.4774E-07
502	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.683E-06
503	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+npropyloo=>ipropyloxy+npropyloxy+O_2-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	5.2195E-08
504	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]O_2+ipropyl=>OH+propoxide-->[propoxide]	1.2166E-06

505	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.8411E-07
506	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]ipropyl+C_3H_6=>C_3H_8+allyl-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	5.3214E-06
507	[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_2H_5+CH_2O-- >[C_2H_5]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2-- >[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.2991E-07
508	[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]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.7466E-07
509	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.0759E-06
510	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[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]	1.0747E-05
511	[ipropyl]ipropyloo=>HO_2+C_3H_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-->[allyloxy]	2.9291E-07

512	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6- ->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	5.5278E-07
513	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+O_2=>acrolein+OH-->[acrolein]	2.3971E-06
514	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.8383E-07
515	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>ketene+CH_3+H-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.4034E-05
516	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	7.5978E-08
517	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+HO_2=>CH_3+ketene+OH-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.8547E-06
518	[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]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.4249E-06
519	[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-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]	3.0854E-11

520	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+ipropyloo=>O_2+ipropyloxy+ipropyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.8605E-08
521	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyl+HO_2=>npropyloxy+OH-->[npropyloxy]	5.0929E-06
522	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[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]	2.4995E-06
523	[ipropyl]ipropyloo=>HO_2+C_3H_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_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	7.4697E-07
524	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	1.4533E-07
525	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	9.3778E-06
526	[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]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.3954E-06
527	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	7.16E-06

528	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.7356E-06
529	[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+ipropyloo=>CH_2CHCO+ipropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.3577E-07
530	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>acetyl+H_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.1829E-06
531	[ipropyl]O_2+ipropyl=>HO_2+C_3H_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_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.1538E-06
532	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.2971E-05
533	[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-->[allyloxy]vinoxylmethyl=>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]	1.3359E-06

534	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+HO_2=>CH_3+ketene+OH-->[ketene]	2.926E-06
535	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	4.3817E-07
536	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[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-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	7.7518E-07
537	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	6.5601E-08
538	[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_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.6651E-07
539	[ipropyl]ipropyloo=>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_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-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	6.9751E-07
540	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>ketene+CH_3+H-- >[ketene]ketene+OH=>HCCO+H_2O-->[HCCO]HCCO+O_2=>OH+CO+CO-- >[CO]	3.3202E-07

541	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	3.7932E-08
542	[ipropyl]ipropyloo=>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_2H_5+CH_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.5107E-06
543	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.377E-06
544	[ipropyl]ipropyloo+C_3H_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_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.1415E-06
545	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.2093E-07
546	[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=>formylethyl-->[formylethyl]formylethyl=>C_2H_4+HCO- ->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	3.4205E-07

547	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>C_2H_5+HCO-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	9.7365E-06
548	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.0217E-06
549	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	4.6335E-06
550	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[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+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.0002E-05
551	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>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]	5.9698E-07
552	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]C_3H_8+CH_3O=>npropyl+CH_3OH-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	5.4572E-07

553	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]C_3H_8+CH_3O=>npropyl+CH_3OH-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	5.457E-07
554	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]C_3H_8+CH_3O=>npropyl+CH_3OH-- >[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-- >[CO]	5.4528E-07
555	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.9677E-07
556	[ipropyl]ipropyloo+C_3H_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_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.3739E-06

557	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.1704E-07
558	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[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]	4.9599E-05
559	[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+H=>CH_2CHCO+H_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.5656E-07
560	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	8.6057E-06
561	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.7079E-07
562	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo=>OH+propoxide-->[propoxide]	8.0825E-07

563	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.5966E-07
564	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.194E-07
565	[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_3O=>CH_2CHCO+CH_3OH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.3928E-07
566	[ipropyl]ipropyloo+C_3H_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_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.3383E-06
567	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>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]	7.7508E-07

568	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.2543E-07
569	[ipropyl]ipropyloo+C_3H_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-- >[CO]CO+HO_2=>CO_2+OH-->[CO_2]	5.3095E-07
570	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.8999E-07
571	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	7.233E-07
572	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	5.6208E-07
573	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.6812E-07

574	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.9672E-07
575	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6- ->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]	7.3437E-08
576	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[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]	7.3139E-08
577	[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=>C_2H_4+HCO-->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	3.9363E-07
578	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.2813E-07
579	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	3.3275E-07

580	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[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]	9.6188E-08
581	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.4065E-06
582	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CO]	9.2362E-08
583	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.9128E-06
584	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-- >[allyloxy]vinoxylmethyl=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.062E-06
585	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]npropyl+C_3H_6=>C_3H_8+allyl-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	4.5373E-06

586	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+npropyloo=>O_2+npropyloxy+npropyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.8656E-08
587	[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_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+HO_2=>oxirane+OH-->[oxirane]	2.5535E-07
588	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.1349E-07
589	[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=>formylethyl-- >[formylethyl]formylethyl=>C_2H_4+HCO-->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	1.5204E-07
590	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	6.8926E-07
591	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	8.7518E-07

592	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.5317E-06
593	[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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.0746E-06
594	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.0851E-07
595	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	1.2538E-07
596	[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-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.7714E-06
597	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	2.883E-07

598	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.2184E-06
599	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.6731E-07
600	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	8.5301E-07
601	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.449E-07
602	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	7.2006E-07
603	[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=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	9.3799E-07
604	[ipropyl]ipropyloo=>HO_2+C_3H_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-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.2485E-06

605	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[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+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.6826E-07
606	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.1134E-07
607	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.6338E-07
608	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+acetylperoxy=>acetyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.3513E-07
609	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.7463E-07

610	[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-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	8.6795E-07
611	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[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_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	7.3032E-08
612	[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-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	7.4444E-07
613	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	6.8505E-07
614	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.6526E-07
615	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	7.1068E-06

616	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.7579E-07
617	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+CH_3OO=>allyl+CH_3OOH-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	8.4654E-06
618	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>C_2H_4+CH_3-- >[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	1.2298E-07
619	[ipropyl]ipropyloo+C_3H_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_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.086E-07
620	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.5374E-08

621	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.3579E-06
622	[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+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.9877E-07
623	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-- >[allyloxy]vinoxylmethyl=>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]	7.6556E-07
624	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.9788E-07
625	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	9.1272E-07
626	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.2392E-06

627	[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-->[allyloxy]vinoxylmethyl=>C_2H_3+CH_2O-- >[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	5.7321E-06
628	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[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]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.1011E-06
629	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	1.1545E-06
630	[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]	1.2908E-07
631	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.5736E-05

632	[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+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	6.7041E-07
633	[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-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	8.8475E-06
634	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]C_3H_8+acetylperoxy=>npropyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	5.3021E-07
635	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+CH_3=>allyl+CH_4-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	4.5755E-06
636	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>C_3H_6+O_2-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	1.0905E-07
637	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>allyl+OH-->[allyl]	1.5757E-05
638	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>allyl+OH-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	7.0021E-06
639	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>O_2+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.4295E-06
640	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	6.0837E-07

641	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	6.0836E-07
642	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_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-- >[CO]	6.0798E-07
643	[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=>formylethyl-->[formylethyl]formylethyl=>C_2H_4+HCO- ->[C_2H_4]C_2H_4+HO_2=>oxirane+OH-->[oxirane]	1.2574E-07
644	[ipropyl]ipropyloo=>HO_2+C_3H_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_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	8.7834E-06
645	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.2457E-07
646	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	5.0685E-06

647	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.6511E-08
648	[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=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	7.9466E-07
649	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.4041E-06
650	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[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]	1.3289E-08
651	[ipropyl]ipropyloo=>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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.0091E-05
652	[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-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	1.6043E-07
653	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.6697E-08

654	[ipropyl]ipropyloo=>HO_2+C_3H_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_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.523E-07
655	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[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-- >[allyloxy]	5.8262E-07
656	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.5778E-08
657	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]QOOH_1=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-- >[propoxide]	2.9013E-06
658	[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-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	3.1823E-05
659	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.8993E-07
660	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]	2.3471E-05
661	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[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=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	2.2059E-07

662	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetaldehyde+acetylperoxy=>acetyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	6.1983E-07
663	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	1.2843E-06
664	[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-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.0438E-06
665	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]O_2+QOOH_1=>OH+OH+frag_1-->[frag_1]	3.4778E-06
666	[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_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.1075E-07
667	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.3261E-06
668	[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=>C_2H_4+HCO-- >[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	1.7499E-07

669	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]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+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.8526E-07
670	[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]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.7178E-08
671	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	1.8191E-07
672	[ipropyl]ipropyloo=>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_2H_5+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.3536E-06
673	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]well_1=>OH+prod_3-->[prod_3]	4.3974E-07
674	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]well_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]	4.3645E-07
675	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3+HO_2=>CH_3O+OH-- >[CH_3O]	8.9992E-06

676	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[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]	3.5747E-07
677	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]C_3H_8+acetylperoxy=>ipropyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	5.7904E-07
678	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.8005E-07
679	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.3072E-07
680	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+ipropyloo=>O_2+ipropyloxy+ipropyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.0614E-09

681	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.9872E-07
682	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	2.7432E-07
683	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.3952E-06
684	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.4048E-06
685	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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]	1.705E-08
686	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>ethenol+CH_3-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	7.411E-06
687	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	2.737E-07
688	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+npropyloo=>O_2+npropyloxy+npropyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	3.0209E-07

689	[ipropyl]ipropyloo=>HO_2+C_3H_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+HO_2=>CH_3O+OH-->[CH_3O]	5.132E-06
690	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>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]	4.1195E-07
691	[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=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.509E-06
692	[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=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.5018E-06
693	[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_2H_5+CH_2O-->[C_2H_5]C_2H_5+HO_2=>ethoxy+OH-- >[ethoxy]	4.0864E-06
694	[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=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.87E-07
695	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	8.6646E-07

696	[ipropyl]O_2+ipropyl=>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+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.2818E-07
697	[ipropyl]ipropyloo=>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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.8735E-07
698	[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]well_3=>well_5-- >[well_5]well_5=>OH+prod_3-->[prod_3]	3.6434E-06
699	[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]well_3=>well_5-- >[well_5]well_5=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]	3.6434E-06
700	[ipropyl]O_2+ipropyl=>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]	3.3268E-07
701	[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_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	7.7142E-08
702	[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=>C_2H_4+HCO-->[C_2H_4]C_2H_4+HO_2=>oxirane+OH-- >[oxirane]	1.444E-07

703	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[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+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.5328E-05
704	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+npropyloo=>ipropyloxy+npropyloxy+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.8702E-07
705	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide- ->[propoxide]	1.9904E-06
706	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.2767E-06
707	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+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-->[allyloxy]	4.8852E-06
708	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+ipropyl=>ipropyloxy+ipropyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.2315E-07

709	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.6868E-07
710	[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_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.1883E-07
711	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.1475E-07
712	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.0225E-07
713	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	1.5036E-06
714	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	1.4968E-06

715	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+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-- >[CO]	1.4964E-06
716	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.0376E-05
717	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	1.2355E-07
718	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_3-- >[QOOH_3]well_3=>well_2-->[well_2]QOOH_2=>OH+propoxide-- >[propoxide]	1.8725E-07
719	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>O_2+ipropyl-- >[ipropyl]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.376E-06
720	[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-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	2.1939E-07
721	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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]	5.9774E-08

722	[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_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.9764E-07
723	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.4323E-07
724	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.2686E-06
725	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>O_2+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	1.5511E-07
726	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy+O_2=>acrolein+HO_2-- >[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]	5.6974E-08
727	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]	3.4174E-06
728	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	1.1256E-07

729	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	2.4142E-07
730	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyl=>CH_3+C_2H_4-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.2392E-06
731	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.1184E-07
732	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	1.8955E-07
733	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.3555E-07
734	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[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_3+HO_2=>CH_3O+OH-- >[CH_3O]	8.6972E-06

735	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+ipropyloo=>O_2+ipropyloxy+ipropyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.426E-09
736	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]	3.123E-08
737	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]prod_1=>frag_1+OH-->[frag_1]	3.1231E-08
738	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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-->[CO]	3.1209E-08

739	[ipropyl]O_2+ipropyl=>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-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.0041E-05
740	[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-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.0843E-06
741	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	7.8078E-07
742	[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=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.4396E-07
743	[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+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.098E-07
744	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy+O_2=>acrolein+HO_2-- >[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]	2.5907E-08
745	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O_2=>allyl+HO_2-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	2.3571E-06

746	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+HO_2=>C_3H_6+O_2-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	2.0617E-07
747	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.2252E-05
748	[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_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]	1.665E-06
749	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>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]	3.7517E-07
750	[ipropyl]ipropyloo=>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_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>oxirane+OH-- >[oxirane]	2.9217E-06
751	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.4815E-08
752	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.2061E-07

753	[ipropyl]O_2+ipropyl=>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]	1.5465E-08
754	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6- ->[C_3H_6]HO_2+C_3H_6=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-- >[propoxide]	5.7838E-08
755	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.5191E-07
756	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.4366E-07
757	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.6038E-07
758	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.3659E-06

759	[ipropyl]O_2+ipropyl=>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_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CO]	3.4762E-06
760	[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]vinoxylmethyl=>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]	1.5985E-06
761	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	4.8301E-07
762	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]O_2+QOOH_1=>OH+OH+frag_1-->[frag_1]	2.4186E-06
763	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CO]	2.417E-06
764	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[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]	6.6147E-07

765	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[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]	3.3086E-07
766	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.1269E-07
767	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	7.5596E-07
768	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]ipropyloo+CH_3OO=>ipropyloxy+CH_3O+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.2438E-07
769	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>C_2H_3+CH_2O-- >[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.9833E-06
770	[ipropyl]ipropyloo=>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_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	2.1617E-07

771	[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_2H_5+CH_2O-- >[C_2H_5]npropyloo+CH_3CH_2OO=>npropyloxy+ethoxy+O_2-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	5.4361E-08
772	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+ipropyloo=>O_2+ipropyloxy+ipropyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.6497E-07
773	[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]well_3=>HO_2+prod_7-- >[prod_7]prod_7=>propen2oxy+OH-- >[propen2oxy]propen2oxy=>ketene+CH_3-- >[ketene]ketene+OH=>HCCO+H_2O-->[HCCO]HCCO+O_2=>OH+CO+CO-- >[CO]	1.311E-07
774	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.6685E-06
775	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.5797E-07
776	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.6211E-07

777	[ipropyl]O_2+ipropyl=>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_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.6477E-06
778	[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-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.5223E-06
779	[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=>formylethyl-->[formylethyl]formylethyl=>C_2H_4+HCO- ->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	1.8164E-07
780	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]C_3H_8+acetylperoxy=>ipropyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	7.2995E-08
781	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+CH_3OO=>allyl+CH_3OOH-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.3833E-06
782	[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=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.5533E-07

783	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.4843E-06
784	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+npropyloo=>O_2+npropyloxy+npropyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	6.3807E-08
785	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyl+HO_2=>ipropyloxy+OH-->[ipropyloxy]	1.3366E-06
786	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.0132E-07
787	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.54E-06
788	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.922E-07

789	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	7.3313E-07
790	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	7.8218E-08
791	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>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]	1.8683E-07
792	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.3111E-07
793	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	3.8848E-06
794	[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-->[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]	2.2881E-07
795	[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]well_3=>well_5-- >[well_5]well_5=>well_3-->[well_3]QOOH_3=>OH+propoxide-- >[propoxide]	5.2494E-07

796	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.3376E-07
797	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	5.1652E-06
798	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	3.183E-07
799	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>C_2H_4+CH_3-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.1492E-06
800	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.7824E-08
801	[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]well_3=>OH+prod_4-- >[prod_4]	4.4847E-06
802	[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]well_3=>OH+prod_4-- >[prod_4]prod_4=>frag_4+OH-->[frag_4]	4.4847E-06

803	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6- ->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.7838E-08
804	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_3-->[prod_3]	3.9515E-06
805	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]	3.9515E-06
806	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[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]	3.5978E-07
807	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[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]	1.666E-08
808	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	3.4335E-08
809	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.2863E-06

810	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[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]	4.3602E-07
811	[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-->[allyloxy]allyloxy=>C_2H_3+CH_2O-- >[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	9.3271E-06
812	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.2095E-06
813	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	0.00238726
814	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.6284E-06
815	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	7.3572E-08
816	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2-- >[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	7.1124E-08

817	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	3.3331E-08
818	[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_2H_5+CH_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.7225E-08
819	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>O_2+ipropyl-- >[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]	2.115E-07
820	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>C_3H_6+O_2-->[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]	1.5544E-07
821	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]O_2+npropyl=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.9393E-07
822	[ipropyl]ipropyloo=>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+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.1343E-07
823	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO=>CH_2CH_2OOH-- >[CH_2CH_2OOH]CH_2CH_2OOH=>oxirane+OH-->[oxirane]	9.9514E-07

824	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.6919E-06
825	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+CH_3OO=>npropyloxy+CH_3O+O_2-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	5.5259E-08
826	[ipropyl]ipropyloo=>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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	8.3288E-06
827	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.703E-07
828	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	2.5016E-08
829	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>C_2H_5+HCO-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.2415E-06

830	[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_2O_2-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	2.2232E-07
831	[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+OH=>CH_2CHCO+H_2O-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.4267E-07
832	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.4998E-06
833	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>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]	3.9056E-07
834	[ipropyl]ipropyloo+C_3H_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-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.651E-08

835	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[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_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.4079E-06
836	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.5513E-08
837	[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-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	8.4066E-07
838	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	8.6824E-07
839	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]ipropyloo+npropyloo=>ipropyloxy+npropyloxy+O_2-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.538E-08

840	[ipropyl]ipropyloo+C_3H_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_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	7.7466E-07
841	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[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]	3.8523E-08
842	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.514E-07
843	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[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]	1.4508E-07
844	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.9458E-08
845	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>O_2+ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	1.594E-07

846	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	7.1843E-07
847	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.1354E-07
848	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.6464E-06
849	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[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]	1.7545E-08
850	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	5.5459E-07

851	[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-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	5.6513E-07
852	[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+OH=>CH_2CHCO+H_2O-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.1975E-07
853	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.4533E-07
854	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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]	2.7757E-07
855	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+CH_3OO=>ipropyloxy+CH_3O+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.8303E-07
856	[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_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-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	2.6342E-08

857	[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-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	7.1391E-07
858	[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-- >[CH_3]CH_3+HO_2=>CH_3O+OH-->[CH_3O]	5.4098E-06
859	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.2094E-07
860	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]acetaldehyde+acetylperoxy=>acetyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	7.8141E-08
861	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.6235E-07
862	[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_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.6532E-07
863	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+CH_3CH_2OO=>npropyloxy+ethoxy+O_2-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.4384E-08

864	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.5392E-06
865	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	9.6138E-08
866	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>npropyloo-- >[npropyloo]npropyloo=>OH+propoxide-->[propoxide]	7.2618E-07
867	[ipropyl]O_2+ipropyl=>HO_2+C_3H_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=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	3.4413E-07
868	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_3-- >[QOOH_3]well_3=>well_5-->[well_5]well_5=>OH+prod_3-->[prod_3]	4.3392E-07
869	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_3-- >[QOOH_3]well_3=>well_5-->[well_5]well_5=>OH+prod_3-- >[prod_3]prod_3=>frag_3+OH-->[frag_3]	4.3084E-07
870	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-->[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]	2.5007E-07

871	[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_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+HO_2=>oxirane+OH-->[oxirane]	7.9663E-08
872	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.617E-07
873	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo+HO_2=>npropylooh+O_2-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.0521E-07
874	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.1754E-07
875	[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_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.7152E-07
876	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+npropyloo=>ipropyloxy+npropyloxy+O_2-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.8039E-08

877	[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_2H_5+CH_2O-- >[C_2H_5]C_2H_5+O_2=>acetaldehyde+OH-->[acetaldehyde]	1.7703E-06
878	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.3372E-08
879	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-- >[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-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.4988E-07
880	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	1.0732E-08
881	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]npropyloo+acetylperoxy=>npropyloxy+acetyloxy+O_2-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.9458E-08
882	[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+npropyloo=>CH_2CHCO+npropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.5073E-07

883	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.821E-07
884	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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=>allyloxy+OH-->[allyloxy]	3.7673E-07
885	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-- >[allyloxy]vinoxylmethyl=>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]	4.0608E-07
886	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	6.5525E-08
887	[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_2H_5+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.8993E-07

888	[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_2H_4+HCO-->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	2.0836E-07
889	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+H=>CH_2CHCO+H_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.3123E-08
890	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.0748E-07
891	[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]well_3=>well_2-- >[well_2]well_2=>well_3-->[well_3]QOOH_3=>OH+propoxide-- >[propoxide]	4.893E-09
892	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>O_2+ipropyl-- >[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]	2.2015E-07
893	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+H=>acetyl+H_2-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.0709E-08
894	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[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]	1.4317E-07

895	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.0706E-07
896	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]C_3H_8+acetylperoxy=>npropyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	5.1579E-07
897	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	2.2021E-06
898	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>O_2+ipropyl-- >[ipropyl]O_2+ipropyl=>OH+propoxide-->[propoxide]	6.9285E-07
899	[ipropyl]ipropyloo=>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_2H_5+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	6.058E-07
900	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-- >[allyloxy]allyloxy+O_2=>acrolein+HO_2-- >[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]	5.6242E-08
901	[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]well_3=>HO_2+prod_7-- >[prod_7]prod_7=>propen2oxy+OH-->[propen2oxy]	4.7089E-06

902	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.2848E-06
903	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.7714E-07
904	[ipropyl]O_2+ipropyl=>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_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.7027E-06
905	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.0723E-07
906	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+npropyloo=>ipropyloxy+npropyloxy+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.6136E-08

907	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.2489E-07
908	[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]vinoxylmethyl=>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]	7.098E-07
909	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH_2O+C_2H_3+H_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.0436E-08
910	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.5922E-08
911	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.6537E-07
912	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>acetyl+H_2O-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	7.8869E-09

913	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.2219E-07
914	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	1.5661E-07
915	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	3.0613E-06
916	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]well_2=>well_3-->[well_3]QOOH_3=>OH+propoxide-- >[propoxide]	3.9975E-07
917	[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+O_2=>acrolein+HO_2-- >[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]	2.2098E-07
918	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]ipropyloo+acetylperoxy=>ipropyloxy+acetyloxy+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.3109E-08
919	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	2.8616E-07

920	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]	2.7445E-06
921	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]prod_1=>frag_1+OH-->[frag_1]	2.733E-06
922	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.8375E-08
923	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.4407E-08
924	[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=>C_2H_3+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.8487E-07
925	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]ipropyl+C_3H_6=>C_3H_8+allyl-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	2.5285E-06

926	[ipropyl]O_2+ipropyl=>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-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.3318E-06
927	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[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]	1.8455E-08
928	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]ipropyloo+acetylperoxy=>ipropyloxy+acetyloxy+O_2-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.3308E-08
929	[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]vinoxylmethyl=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.8591E-06
930	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.4683E-06
931	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.4239E-06

932	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>acetaldehyde+CH_3--> >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH--> >[CH_3O]	9.9206E-07
933	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>ethenol+CH_3--> >[CH_3]CH_3OO+acetaldehyde=>CH_3OOH+acetyl--> >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.0408E-06
934	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>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=>allyloxy+OH-->[allyloxy]	2.8872E-07
935	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O--> >[propen1yl]propen1yl+O_2=>acetaldehyde+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]	1.8293E-06
936	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo--> >[ipropyloo]ipropyloo+C_3H_8=>ipropylooh+ipropyl--> >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.4265E-06
937	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl--> >[ipropyl]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2--> >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde--> >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2--> >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2--> >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.1864E-09
938	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O--> >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[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]	3.82E-08
939	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[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=>QOOH_3--> >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	4.4069E-08

940	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	5.4366E-08
941	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]O_2+ipropyl=>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]	5.3932E-08
942	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.1729E-07
943	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetaldehyde+acetylperoxy=>acetyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.5864E-07
944	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>CO+HO_2-- >[CO]CO+HO_2=>CO_2+OH-->[CO_2]	2.589E-09
945	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.1337E-07

946	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+H=>CH_2CHCO+H_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.965E-08
947	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+O_2=>acetyl+CH_2O-->[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.2622E-06
948	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.14E-05
949	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.3643E-07
950	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	4.7439E-08
951	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.1484E-07

952	[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-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.3719E-05
953	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>npropyloo-- >[npropyloo]npropyloo+HO_2=>npropylooh+O_2-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.4904E-07
954	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.2441E-08
955	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+npropyloo=>O_2+npropyloxy+npropyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.3013E-07
956	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-- >[allyloxy]vinoxylmethyl=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.2305E-06
957	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>ketene+CH_3+H-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.0472E-06
958	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.5686E-07
959	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]	1.5402E-06

960	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.8783E-07
961	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.0845E-07
962	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-->[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]	1.136E-07
963	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-- >[propoxide]	6.8442E-07
964	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.4912E-07

965	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.4915E-08
966	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	7.1694E-08
967	[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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.9372E-07
968	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.6604E-06
969	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[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]	4.8355E-08

970	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[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]	8.791E-07
971	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[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]	6.5985E-08
972	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	3.2403E-08
973	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.0863E-07
974	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>formylethyl-->[formylethyl]formylethyl=>C_2H_4+HCO- ->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	9.4096E-08
975	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.6528E-07

976	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[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+C_3H_8=>CH_3OOH+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-->[CO]	2.7318E-06
977	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.4636E-07
978	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.8774E-07
979	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.2612E-08
980	[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-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	7.3955E-07

981	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.2637E-07
982	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]well_1=>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]	7.4436E-08
983	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.2546E-07
984	[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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.6689E-07
985	[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]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.3841E-08
986	[ipropyl]ipropyloo=>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_2H_5+CH_2O-->[C_2H_5]C_2H_5+HO_2=>ethoxy+OH-- >[ethoxy]	4.306E-06

987	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.4761E-07
988	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.882E-07
989	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	5.4235E-07
990	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[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]	1.0128E-07
991	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.9495E-06

992	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+acetylperoxy=>acetyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.4733E-08
993	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.8346E-07
994	[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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.3906E-07
995	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.7104E-06
996	[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-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	8.4726E-08
997	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	2.4475E-07
998	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	1.4457E-07

999	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.6783E-07
1000	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.1292E-07