	Pathway Name	Pathway Probability	#OH	f	cumulative f
1	[OH]C3H8+OH=>ipropyl+H2O	0.2000422	0	0	0
1	>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]	0.2869433	U	0	0
	[OH]C3H8+OH=>npropyl+H2O >[npropyl]well 1=>OH+prod 1				
	>[prod_1]prod_1=>GH+prod_1 >[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>riag_1+OH >[frag_1]frag_1=>vinoxy+CH2O				
2	>[vinoxy]vinoxy+O2=>CH2O+CO+OH>[CO]	0.0933717	3	0.2801151	0.2801151
_	[OH]C3H8+OH=>npropyl+H2O	0.0333717		0.2001101	0.2001131
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]CH2O+OH=>HCO+H2O>[HCO]HCO+O2=>CO+HO2				
3	>[CO]	0.0644521	2	0.12890415	0.40901925
	[OH]C3H8+OH=>ipropyl+H2O				
4	>[ipropyl]O2+ipropyl=>HO2+C3H6>[C3H6]	0.0600464	0	0	0.40901925
	[OH]C3H8+OH=>npropyl+H2O				
5	>[npropyl]npropyloo=>HO2+C3H6>[C3H6]	0.0534759	0	0	0.40901925
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
6	>[frag_1]frag_1=>vinoxy+CH2O>[CH2O]	0.0509277	2	0.10185545	0.51087469
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[vinoxy]vinoxy+O2=>CH2O+CO+OH				
7	>[CH2O]CH2O+OH=>HCO+H2O>[HCO]HCO+O2=>CO+HO2		2	0.00670066	0.60750226
7	>[CO]	0.0322362	3	0.09670866	0.60758336
	[OH]C3H8+OH=>npropyl+H2O >[npropyl]well 1=>OH+prod 1				
	>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>riag_1+OH >[frag_1]frag_1=>vinoxy+CH2O				
8	>[vinoxy]vinoxy+O2=>CH2O+CO+OH>[CH2O]	0.0254656	2	0.07639689	0 68398024
	[OH]C3H8+OH=>npropyl+H2O	0.0234030	5	0.07033003	0.0000002-4
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]CH2O+HO2=>HCO+H2O2				
9	>[HCO]HCO+O2=>CO+HO2>[CO]	0.024052	2	0.04810401	0.73208426

	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[vinoxy]vinoxy+O2=>CH2O+CO+OH				
	>[CH2O]CH2O+HO2=>HCO+H2O2				
10	>[HCO]HCO+O2=>CO+HO2>[CO]	0.0120154	3	0.03604627	0.76813052
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
11	>[C3H6]C3H6+HO2=>propen1ol+OH>[propen1ol]	0.0067307	1	0.00673073	0.77486126
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]H+C3H6=>ipropyl-				
12	->[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]	0.0064308	0	0	0.77486126
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo+C3H8=>npropylooh+ipropyl				
13	>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]	0.0052551	0	0	0.77486126
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl				
	>[ipropylooh]ipropylooh=>ipropyloxy+OH				
	>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde				
14	>[acetaldehyde]	0.0025219	1	0.00252189	0.77738314
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO				
15	>[HCO]HCO+O2=>CO+HO2>[CO]	0.0050395	2	0.01007894	0.78746208
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
1.0	>[CH2O]CH3OO+CH2O=>CH3OOH+HCO	0.0050205		0.04004404	0.70750242
16	>[HCO]HCO+O2=>CO+HO2>[CO]	0.0050205	2	0.01004104	0.79750312
4 7	[OH]C3H8+OH=>npropyl+H2O	0.0045000		0.00453335	0.00000000
17	>[npropyl]npropyloo=>OH+propoxide>[propoxide]	0.0045239	1	0.00452387	0.80202699
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
10	>[CH2O]npropyloo+CH2O=>npropylooh+HCO	0.0044405	2	0.000024.00	0.01004007
18	>[HCO]HCO+O2=>CO+HO2>[CO]	0.0044105	2	0.00882108	0.81084807
	[OH]C3H8+OH=>ipropyl+H2O				
10	>[ipropyl]ipropyloo=>HO2+C3H6	0.0042246	4	0.00420406	0.04542002
19	>[C3H6]HO2+C3H6=>OH+propoxide>[propoxide]	0.0042819	1	0.00428186	0.81512993

	[OH]C3H8+OH=>npropyl+H2O				
20	>[npropyl]O2+npropyl=>HO2+C3H6>[C3H6]	0.0041371	0	0	0.81512993
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>allyl+H2O>[allyl]allyl+HO2=>prod_2				
	>[prod_2]prod_2=>allyloxy+OH				
21	>[allyloxy]allyloxy=>acrolein+H>[acrolein]	0.0039783	1	0.00397834	0.81910827
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]ipropyloo+CH2O=>ipropylooh+HCO				
22	>[HCO]HCO+O2=>CO+HO2>[CO]	0.0037434	2	0.0074869	0.82659517
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo=>QOOH_2				
23	>[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	0.0031781	1	0.00317813	0.8297733
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>HO2+prod_2				
	>[prod_2]prod_2=>allyloxy+OH				
24	>[allyloxy]allyloxy=>acrolein+H>[acrolein]	0.0026795	1	0.00267949	0.83245279
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]H+C3H6=>ipropyl-				
25	->[ipropyl]O2+ipropyl=>HO2+C3H6>[C3H6]	0.0026092	0	0	0.83245279
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]CH2O+OH=>HCO+H2O				
	>[HCO]HCO+O2=>formylperoxy				
	>[formylperoxy]formylperoxy=>HCO+O2				
26	>[HCO]HCO+O2=>CO+HO2>[CO]	0.0026083	2	0.00521666	0.83766945
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[vinoxy]vinoxy+O2=>CH2O+CO+OH				
	>[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO				
27	>[HCO]HCO+O2=>CO+HO2>[CO]	0.0025003	3	0.00750081	0.84517026

	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[vinoxy]vinoxy+O2=>CH2O+CO+OH				
	>[CH2O]CH3OO+CH2O=>CH3OOH+HCO				
28	>[HCO]HCO+O2=>CO+HO2>[CO]	0.002517	3	0.00755115	0.85272141
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+HO2=>allyl+H2O2>[allyl]allyl+HO2=>prod_2-				
	->[prod_2]prod_2=>allyloxy+OH				
29	>[allyloxy]allyloxy=>acrolein+H>[acrolein]	0.0024811	1	0.00248109	0.8552025
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl				
	>[ipropylooh]ipropylooh=>ipropyloxy+OH				
	>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde				
	>[CH3]CH3OO+C3H8=>CH3OOH+ipropyl				
30	>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]	0.001119	1	0.00111901	0.85632151
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[vinoxy]vinoxy+O2=>CH2O+CO+OH				
	>[CH2O]npropyloo+CH2O=>npropylooh+HCO				
31	>[HCO]HCO+O2=>CO+HO2>[CO]	0.0022188	3	0.00665648	0.86297799
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]HO2+C3H6=>QOOH_2				
32	>[QOOH_2]QOOH_2=>OH+propoxide>[propoxide]	0.0019004	1	0.00190041	0.8648784
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[vinoxy]vinoxy+O2=>CH2O+CO+OH				
	>[CH2O]ipropyloo+CH2O=>ipropylooh+HCO				
33	>[HCO]HCO+O2=>CO+HO2>[CO]	0.0018753	3	0.00562603	0.87050443
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo+C3H8=>npropylooh+npropyl				
	>[npropylooh]npropylooh=>npropyloxy+OH				
	>[npropyloxy]npropyloxy=>C2H5+CH2O				
	>[CH2O]CH2O+OH=>HCO+H2O>[HCO]HCO+O2=>CO+HO2				
34	>[CO]	0.0008963	1	0.00089634	0.87140077

	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo+C3H8=>npropylooh+ipropyl				
	>[npropylooh]npropylooh=>npropylooy+OH				
	>[npropyloxy]npropyloxy=>C2H5+CH2O				
	>[CH2O]CH2O+OH=>HCO+H2O>[HCO]HCO+O2=>CO+HO2				
35	>[CO]		1	0.0015288	0.87292957
33		0.0015266	1	0.0013288	0.67292937
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>propen1yl+H2O				
2.6	>[propen1yl]propen1yl+O2=>acetaldehyde+HCO	0.004545			0.07000057
36	>[HCO]HCO+O2=>CO+HO2>[CO]	0.001515	0	0	0.87292957
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>allyl+H2O				
	>[allyl]allyl+HO2=>allyloxy+OH				
37	>[allyloxy]allyloxy=>acrolein+H>[acrolein]	0.0014716	1	0.00147157	0.87440114
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl				
	>[ipropylooh]ipropylooh=>ipropyloxy+OH				
	>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde				
38	>[acetaldehyde]	0.0014715	1	0.00147153	0.87587267
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo+C3H8=>npropylooh+npropyl				
	>[npropylooh]npropylooh=>npropyloxy+OH				
	>[npropyloxy]npropyloxy=>C2H5+CH2O				
39	>[C2H5]C2H5+O2=>C2H4+HO2>[C2H4]	0.0007184	1	0.0007184	0.87659107
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo+C3H8=>npropylooh+npropyl				
	>[npropylooh]npropylooh=>npropyloxy+OH				
	>[npropyloxy]npropyloxy=>C2H5+CH2O				
40	>[C2H5]CH3CH2OO=>C2H4+HO2>[C2H4]	0.0007225	1	0.00072253	0.8773136
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]CH3OO+CH2O=>CH3OOH+HCO				
	>[CH3OOH]CH3OOH=>CH3O+OH				
41	>[CH3O]CH3O+M=>CH2O+H+M>[CH2O]	0.0014138	3	0.00424152	0.88155512
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]O2+ipropyl=>HO2+C3H6				
42	>[C3H6]C3H6+HO2=>propen1ol+OH>[propen1ol]	0.0014157	1	0.00141574	0.88297086
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo+C3H8=>npropylooh+npropyl				
	>[npropylooh]npropylooh=>npropyloxy+OH				
43	>[npropyloxy]npropyloxy=>C2H5+CH2O>[CH2O]	0.0007057	1	0.00070575	0.88367661

	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]CH2O+H=>HCO+H2>[HCO]HCO+O2=>CO+HO2				
44	>[CO]	0.0013848	2	0.00276955	0.88644616
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl				
	>[ipropylooh]ipropylooh=>ipropyloxy+OH				
	>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde				
	>[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2				
45	>[acetyl]acetyl(+M)=>CH3+CO(+M)>[CO]	0.0006811	1	0.00068111	0.88712727
	the state of the feet				
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]H+C3H6=>npropyl				
46	->[npropyl]npropyloo=>HO2+C3H6>[C3H6]	0.0013628	0	0	0.88712727
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>allyl+H2O				
	>[allyl]npropyloo+allyl=>npropyloxy+allyloxy				
47	>[allyloxy]allyloxy=>acrolein+H>[acrolein]	0.0013319	0	0	0.88712727
	[OH]C3H8+OH=>ipropyl+H2O	0.0020020			0.007.227.27
	>[ipropyl]O2+ipropyl=>HO2+C3H6				
	>[C3H6]H+C3H6=>ipropyl>[ipropyl]ipropyloo=>HO2+C3H6-				
48	->[C3H6]	1.35E-03	0	0	0.88712727
40		1.55E-05	U	U	0.00/12/2/
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[vinoxy]vinoxy+O2=>CH2O+CO+OH				
	>[CH2O]CH2O+OH=>HCO+H2O				
	>[HCO]HCO+O2=>formylperoxy				
	>[formylperoxy]formylperoxy=>HCO+O2				
49	>[HCO]HCO+O2=>CO+HO2>[CO]	0.0013022	3	0.0039065	0.89103376
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo+C3H8=>npropylooh+ipropyl				
	>[npropylooh]npropylooh=>npropyloxy+OH				
	>[npropyloxy]npropyloxy=>C2H5+CH2O				
50	>[C2H5]CH3CH2OO=>C2H4+HO2>[C2H4]	1.24E-03	1	0.00123904	0.8922728
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]CH3OO+CH2O=>CH3OOH+HCO				
	>[CH3OOH]CH3OOH=>CH3O+OH				
51	>[CH3O]CH3O+O2=>CH2O+HO2>[CH2O]	0.0012497	3	0.00374921	0.89602201

	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo+C3H8=>npropylooh+ipropyl				
	>[npropylooh]npropylooh=>npropyloxy+OH				
	>[npropyloxy]npropyloxy=>C2H5+CH2O				
52	>[C2H5]C2H5+O2=>C2H4+HO2>[C2H4]	0.0012328	1	0.00123277	0.89725478
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo=>HO2+C3H6				
53	>[C3H6]C3H6+HO2=>propen1ol+OH>[propen1ol]	0.0012515	1	0.00125152	0.8985063
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo+C3H8=>npropylooh+ipropyl				
	>[npropylooh]npropylooh=>npropyloxy+OH				
54	>[npropyloxy]npropyloxy=>C2H5+CH2O>[CH2O]	0.0012105	1	0.00121051	0.89971681
-	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo=>HO2+C3H6				
	>[C3H6]H+C3H6=>ipropyl>[ipropyl]ipropyloo=>HO2+C3H6-				
55	->[C3H6]	0.0011954	0	0	0.89971681
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO				
	>[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH				
56	>[ethoxy]ethoxy=>CH3+CH2O>[CH2O]	0.0011882	3	0.00356455	0.90328136
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]ipropyloo+CH2O=>ipropylooh+HCO				
	>[ipropylooh]ipropylooh=>ipropyloxy+OH				
	>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde				
57	>[acetaldehyde]	0.0011473	3	0.00344188	0.90672324
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]CH2O+HO2=>OCH2OOH				
58	>[OCH2OOH]OCH2OOH=>CH2O+HO2>[CH2O]	0.0011566	2	0.00231324	0.90903648
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
59	>[vinoxy]vinoxy+O2=>CH2O+CO+OH>[CO]	0.0011375	3	0.00341258	0.91244906
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>QOOH_3				
60	>[QOOH_3]QOOH_3=>OH+propoxide>[propoxide]	0.0010831	1	0.00108305	0.91353211

	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>allyl+H2O				
	>[allyl]allyl+CH3OO=>allyloxy+CH3O				
61	>[allyloxy]allyloxy=>acrolein+H>[acrolein]	0.0010668	0	0	0.91353211
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>propen1yl+H2O				
	>[propen1yl]propen1yl+O2=>acetaldehyde+HCO				
62	>[acetaldehyde]	0.001078	0	0	0.91353211
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]npropyloo+CH2O=>npropylooh+HCO				
	>[npropylooh]npropylooh=>npropyloxy+OH				
63	>[npropyloxy]npropyloxy=>C2H5+CH2O>[CH2O]	0.0010669	3	0.00320076	0.91673287
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo+C3H8=>npropylooh+ipropyl				
64	>[ipropyl]O2+ipropyl=>HO2+C3H6>[C3H6]	0.0010349	0	0	0.91673287
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+HO2=>allyl+H2O2				
	>[allyl]allyl+HO2=>allyloxy+OH				
65	>[allyloxy]allyloxy=>acrolein+H>[acrolein]	0.0010203	1	0.00102028	0.91775316
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>allyl+H2O				
	>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy				
66	>[allyloxy]allyloxy=>acrolein+H>[acrolein]	0.0009816	0	0	0.91775316
	[OH]C3H8+OH=>ipropyl+H2O				
67	>[ipropyl]ipropyloo=>OH+propoxide>[propoxide]	0.0009462	1	0.00094619	0.91869935
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]CH2O+HO2=>HCO+H2O2				
	>[HCO]HCO+O2=>formylperoxy				
	>[formylperoxy]formylperoxy=>HCO+O2				
68	>[HCO]HCO+O2=>CO+HO2>[CO]	0.0009499	2	0.00189979	0.92059914
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]O2+ipropyl=>HO2+C3H6				
69	>[C3H6]HO2+C3H6=>OH+propoxide>[propoxide]	0.0008964	1	0.00089636	0.9214955

	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>allyl+H2O				
	>[allyl]npropyloo+allyl=>npropyloxy+allyloxy				
70	>[npropyloxy]npropyloxy=>C2H5+CH2O>[CH2O]	0.0008633	0	0	0.9214955
	C P SP F S F F SP F S F S S S S S S S S S				
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]O2+ipropyl=>HO2+C3H6				
	>[C3H6]C3H6+OH=>allyl+H2O>[allyl]allyl+HO2=>prod_2				
	>[prod_2]prod_2=>allyloxy+OH				
71	>[allyloxy]allyloxy=>acrolein+H>[acrolein]	0.0008315	1	0.00083149	0.92232699
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>allyl+H2O				
	>[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy				
	>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde				
72	>[acetaldehyde]	0.0008096	0	0	0.92232699
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]HO2+C3H6=>ipropyloo				
73	>[ipropyloo]ipropyloo=>HO2+C3H6>[C3H6]	0.0007979	0	0	0.92232699
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo=>HO2+C3H6				
74	>[C3H6]HO2+C3H6=>OH+propoxide>[propoxide]	0.0007899	1	0.00078987	0.92311686
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
75	>[CH2O]CH2O+OH=>HCO+H2O>[HCO]HCO+O2=>CO+HO2	0.0007868	2	0.0015726	0.02460046
75	>[CO]	0.0007868	2	0.0015736	0.92469046
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6 >[C3H6]C3H6+OH=>propen2yl+H2O				
76	>[propen2yl]propen2yl+O2=>acetyl+CH2O>[CH2O]	0.000784	0	0	0.92469046
70	Z[properizyi]properizyi+Oz=Zacetyi+CrizOZ[CrizO]	0.000784	U	U	0.92409040
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]npropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>allyl+H2O>[allyl]allyl+HO2=>prod_2				
	>[prod_2]prod_2=>allyloxy+OH				
77	>[allyloxy]allyloxy=>acrolein+H>[acrolein]	0.0007365	1	0.00073647	0.92542693
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>allyl+H2O				
	>[allyl]allyl+CH3OO=>allyloxy+CH3O				
78	>[CH3O]CH3O+M=>CH2O+H+M>[CH2O]	0.0007298	0	0	0.92542693

>[npropyl]O2+QOOH_1=>OH+OH+frag_1 >[frag_1]frag_1=>vinoxy+CH2O 79 >[vinoxy]vinoxy+O2=>CH2O+CO+OH>[CO]
79 >[vinoxy]vinoxy+O2=>CH2O+CO+OH>[CO]
[OH]C3H8+OH=>npropyl+H2O >[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH >[frag_1]frag_1=>vinoxy+CH2O >[vinoxy]vinoxy+O2=>CH2O+CO+OH >[CH2O]CH3OO+CH2O=>CH3OOH+HCO >[CH3OOH]CH3OOH=>CH3O+OH 80 >[CH3O]CH3O+M=>CH2O+H+M>[CH2O] 0.0007096 4 0.0028383 0.930434 [OH]C3H8+OH=>npropyl+H2O
>[npropyl]well_1=>OH+prod_1 >[prod_1]prod_1=>frag_1+OH >[frag_1]frag_1=>vinoxy+CH2O >[vinoxy]vinoxy+O2=>CH2O+CO+OH >[CH2O]CH3OO+CH2O=>CH3OOH+HCO >[CH3OOH]CH3OOH=>CH3O+OH 80 >[CH3O]CH3O+M=>CH2O+H+M>[CH2O] 0.0007096 4 0.0028383 0.930434 [OH]C3H8+OH=>npropyl+H2O
>[prod_1]prod_1=>frag_1+OH >[frag_1]frag_1=>vinoxy+CH2O >[vinoxy]vinoxy+O2=>CH2O+CO+OH >[CH2O]CH3OO+CH2O=>CH3OOH+HCO >[CH3OOH]CH3OOH=>CH3O+OH 80 >[CH3O]CH3O+M=>CH2O+H+M>[CH2O]
>[frag_1]frag_1=>vinoxy+CH2O >[vinoxy]vinoxy+O2=>CH2O+CO+OH >[CH2O]CH3OO+CH2O=>CH3OOH+HCO >[CH3OOH]CH3OOH=>CH3O+OH 80 >[CH3O]CH3O+M=>CH2O+H+M>[CH2O] 0.0007096 4 0.0028383 0.930434 [OH]C3H8+OH=>npropyl+H2O
>[vinoxy]vinoxy+O2=>CH2O+CO+OH >[CH2O]CH3OO+CH2O=>CH3OOH+HCO >[CH3OOH]CH3OOH=>CH3O+OH 80 >[CH3O]CH3O+M=>CH2O+H+M>[CH2O] 0.0007096 4 0.0028383 0.930434 [OH]C3H8+OH=>npropyl+H2O
>[CH2O]CH3OO+CH2O=>CH3OOH+HCO >[CH3OOH]CH3OOH=>CH3O+OH 80 >[CH3O]CH3O+M=>CH2O+H+M>[CH2O] 0.0007096 4 0.0028383 0.930434 [OH]C3H8+OH=>npropyl+H2O
>[CH3OOH]CH3OOH=>CH3O+OH 80 >[CH3O]CH3O+M=>CH2O+H+M>[CH2O]
80 >[CH3O]CH3O+M=>CH2O+H+M>[CH2O] 0.0007096 4 0.0028383 0.930434 [OH]C3H8+OH=>npropyl+H2O
[OH]C3H8+OH=>npropyl+H2O
>[npropyl]well_1=>OH+prod_1
>[prod_1]prod_1=>frag_1+OH
>[frag_1]frag_1=>vinoxy+CH2O
>[vinoxy]vinoxy+O2=>CH2O+CO+OH
>[CH2O]CH2O+H=>HCO+H2>[HCO]HCO+O2=>CO+HO2
81 >[CO] 0.0006872 3 0.00206157 0.932496
[OH]C3H8+OH=>ipropyl+H2O
>[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl
>[ipropylooh]ipropylooh=>ipropyloxy+OH
>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde
>[CH3]CH3OO+C3H8=>CH3OOH+ipropyl
>[CH3OOH]CH3OOH=>CH3O+OH
>[CH3O]CH3O+O2=>CH2O+HO2
>[CH2O]CH2O+OH=>HCO+H2O>[HCO]HCO+O2=>CO+HO2
82 >[CO] 0.000344 2 0.00068804 0.933184
[OH]C3H8+OH=>npropyl+H2O
>[npropyl]well_1=>OH+prod_1
>[prod_1]prod_1=>frag_1+OH
>[frag_1]frag_1=>vinoxy+CH2O
>[vinoxy]vinoxy+O2=>CH2O+CO+OH>[CO]CO+OH=>CO2+H-
83 ->[CO2] 0.0006691 3 0.00200731 0.935193
[OH]C3H8+OH=>ipropyl+H2O
>[ipropyl]ipropyloo=>HO2+C3H6
>[C3H6]C3H6+OH=>allyl+H2O
>[allyl]allyl+CH3OO=>allyloxy+CH3O
84 >[CH3O]CH3O+O2=>CH2O+HO2>[CH2O] 0.0006477 0 0.935193
[OH]C3H8+OH=>npropyl+H2O
>[npropyl]npropyloo+C3H8=>npropylooh+npropyl
>[npropylooh]npropylooh=>npropyloxy+OH
>[npropyloxy]npropyloxy=>C2H5+CH2O
>[CH2O]CH2O+HO2=>HCO+H2O2
85 >[HCO]HCO+O2=>CO+HO2>[CO] 0.0003359 1 0.00033586 0.935527

	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl				
	>[ipropylooh]ipropylooh=>ipropyloxy+OH				
	>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde				
	>[CH3]CH3OO+C3H8=>CH3OOH+ipropyl				
86	>[ipropyl]ipropyloo=>HO2+C3H6>[C3H6]	0.0006528	1	0.00065276	0.93618021
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>allyl+H2O>[allyl]allyl+HO2=>prod_2				
	>[prod_2]prod_2=>allyloxy+OH				
87	>[allyloxy]vinoxylmethyl=>acrolein+H>[acrolein]	0.0006398	1	0.00063976	0.93681997
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
88	>[frag_1]frag_1=>vinoxy+CH2O>[CH2O]	0.0006205	2	0.00124093	0.9380609
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[vinoxy]vinoxy+O2=>CH2O+CO+OH				
	>[CH2O]CH3OO+CH2O=>CH3OOH+HCO				
	>[CH3OOH]CH3OOH=>CH3O+OH				
89	>[CH3O]CH3O+O2=>CH2O+HO2>[CH2O]	0.0006267	4	0.00250662	0.94056752
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl				
	>[ipropylooh]ipropylooh=>ipropyloxy+OH				
	>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde				
	>[CH3]CH3OO+C3H8=>CH3OOH+ipropyl				
	>[CH3OOH]CH3OOH=>CH3O+OH				
90	>[CH30]CH30+O2=>CH2O+HO2>[CH2O]	0.0003065	2	0.00061303	0.94118055
	[OH]C3H8+OH=>ipropyl+H2O				
0.4	>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-	0.000007			0.04440055
91	>[npropyl]npropyloo=>HO2+C3H6>[C3H6]	0.000607	0	0	0.94118055
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO				
	>[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH				
	>[ethoxy]ethoxy=>CH3+CH2O				
	>[CH2O]CH2O+OH=>HCO+H2O>[HCO]HCO+O2=>CO+HO2				
92	>[CO]	0.0005985	3	0.00179536	0 94297591
52	, [00]	0.0000000	3	0.00173330	0.54237331

	[OH][C2H9+OH=> ppropul-H2O				
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH >[frag_1]frag_1=>vinoxy+CH2O				
	>[vinoxy]vinoxy+02=>CH2O+CO+OH				
	>[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO				
0.2	>[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH	0.0005054	_	0.00220450	0.0450575
93	>[ethoxy]ethoxy=>CH3+CH2O>[CH2O]	0.0005954	4	0.00238159	0.9453575
0.4	[OH]C3H8+OH=>ipropyl+H2O	0.0005073	4	0.00050727	0.04504477
94	>[ipropyl]O2+ipropyl=>OH+propoxide>[propoxide]	0.0005873	1	0.00058727	0.94594477
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[vinoxy]vinoxy+O2=>CH2O+CO+OH				
	>[CH2O]CH2O+HO2=>OCH2OOH				
95	>[OCH2OOH]OCH2OOH=>CH2O+HO2>[CH2O]	0.0005746	3	0.00172373	0.9476685
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag_1]frag_1=>vinoxy+CH2O				
	>[CH2O]npropyloo+CH2O=>npropylooh+HCO				
	>[npropylooh]npropylooh=>npropyloxy+OH				
	>[npropyloxy]npropyloxy=>C2H5+CH2O				
	>[CH2O]CH2O+OH=>HCO+H2O>[HCO]HCO+O2=>CO+HO2				
96	>[CO]	0.0005739	3	0.00172161	0.94939011
	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+OH=>propen2yl+H2O				
	>[propen2yl]propen2yl+O2=>acetyl+CH2O				
97	>[acetyl]acetyl(+M)=>CH3+CO(+M)>[CO]	0.0005849	0	0	0.94939011
	[OH]C3H8+OH=>npropyl+H2O				
	>[npropyl]well_1=>OH+prod_1				
	>[prod_1]prod_1=>frag_1+OH				
	>[frag 1]frag 1=>vinoxy+CH2O				
	>[vinoxy]vinoxy+O2=>CH2O+CO+OH				
	>[CH2O]ipropyloo+CH2O=>ipropylooh+HCO				
	>[ipropylooh]ipropylooh=>ipropyloxy+OH				
	>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde				
98	>[acetaldehyde]	0.0005758	4	0.00230314	0 95169325
20	[OH]C3H8+OH=>npropyl+H2O	0.0003738	_	0.00230314	0.55105525
	>[npropyl]npropyloo+C3H8=>npropylooh+ipropyl				
	>[npropylooh]npropylooh=>npropylooy+OH				
	>[npropyloon]npropyloon=>npropyloxy+OH >[npropyloxy]npropyloxy=>C2H5+CH2O				
99	>[CH2O]CH2O+HO2=>HCO+H2O2 >[HCO]HCO+O2=>CO+HO2>[CO]	0.0005728	1	0.00057279	0.05226604
	21 DECEMBER 17 = 31 DEBIT 7 == 311 DE	ししししい / / 8	1	0.0005/2/9	0.95220004

	[OH]C3H8+OH=>ipropyl+H2O				
	>[ipropyl]ipropyloo=>HO2+C3H6				
	>[C3H6]C3H6+HO2=>allyl+H2O2				
	>[allyl]npropyloo+allyl=>npropyloxy+allyloxy				
100	>[allyloxy]allyloxy=>acrolein+H>[acrolein]	0.000559	0	0	0.95226604