

	Pathway Name	Pathway Probability	#OH	f	cumulative f
1	[OH]C3H8+OH=>ipropyl+H2O-->[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	0.3758729	0	0	0
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-->[CH2O]	0.1730856	2	0.34617129	0.34617129
3	[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]	0.0943489	3	0.28304671	0.629218
4	[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]	0.0865474	3	0.25964226	0.88886025
5	[OH]C3H8+OH=>ipropyl+H2O-->[ipropyl]O2+ipropyl=>HO2+C3H6-->[C3H6]	0.0787255	0	0	0.88886025
6	[OH]C3H8+OH=>npropyl+H2O-->[npropyl]npropyloo=>HO2+C3H6-->[C3H6]	0.070087	0	0	0.88886025
7	[OH]C3H8+OH=>ipropyl+H2O-->[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-->[acetaldehyde]	0.0049114	1	0.00491142	0.89377168
8	[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=>CO+HO2-->[CO]	0.0069286	2	0.01385728	0.90762896
9	[OH]C3H8+OH=>npropyl+H2O-->[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-->[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	0.0068759	0	0	0.90762896
10	[OH]C3H8+OH=>npropyl+H2O-->[npropyl]O2+npropyl=>HO2+C3H6-->[C3H6]	0.0054397	0	0	0.90762896
11	[OH]C3H8+OH=>npropyl+H2O-->[npropyl]well_1=>HO2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0053327	1	0.00533266	0.91296162

12	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	0.0023978	1	0.00239782	0.91535944
13	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	0.0045182	1	0.00451818	0.91987763
14	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	0.0041164	1	0.00411644	0.92399406
15	[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=>CO+HO2-- >[CO]	0.0034601	3	0.01038027	0.93437434
16	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	0.0031781	1	0.0031781	0.93755243
17	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	0.0014656	1	0.0014656	0.93901803
18	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	0.002866	1	0.00286603	0.94188406
19	[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-->[CH2O]	0.0021082	2	0.00421631	0.94610037
20	[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=>CO+HO2-->[CO]	0.0020761	2	0.00415215	0.95025252

21	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	0.0008211	1	0.00082111	0.95107363
22	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]	0.0008261	1	0.00082612	0.95189975
23	[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]	0.0007359	2	0.00147178	0.95337154
24	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]	0.0014122	1	0.00141225	0.95478379
25	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	0.0014058	1	0.00140575	0.95618954
26	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH2O-->[CH2O]	0.0013412	2	0.00268232	0.95887186
27	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]O2+ipropyl=>HO2+C3H6-->[C3H6]	0.0013558	0	0	0.95887186
28	[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-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	0.0011486	3	0.00344593	0.96231779
29	[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+M=>CH2O+H+M-->[CH2O]	0.000558	2	0.00111605	0.96343384

30	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	0.0010832	1	0.00108321	0.96451705
31	[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-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	0.0010543	3	0.0031628	0.96767984
32	[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-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.001034	3	0.003102	0.97078184
33	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-->[CH3OOH]	0.0004775	1	0.00047747	0.97125931
34	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	0.0009461	1	0.00094609	0.9722054
35	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	0.0008555	1	0.00085552	0.97306092
36	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>HO2+C3H6-->[C3H6]	0.0007953	0	0	0.97306092
37	[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-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0007606	2	0.00152122	0.97458213
38	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH2O-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	0.0007307	3	0.00219214	0.97677428

39	[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-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0007357	2	0.00147137	0.97824565
40	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	0.0007063	1	0.00070632	0.97895196
41	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH2O-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	0.0006706	3	0.00201177	0.98096373
42	[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-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0006735	2	0.00134705	0.98231078
43	[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]	0.0006318	2	0.00126362	0.9835744
44	[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-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0006322	2	0.00126447	0.98483887
45	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>OH+propoxide-->[propoxide]	0.0005879	1	0.00058789	0.98542676
46	[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]	0.0005701	2	0.00114022	0.98656698
47	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	0.0005764	1	0.00057645	0.98714343

48	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[ipropyl]O2+ipropyl=>HO2+C3H6-->[C3H6]	2.82E-04	1	0.00028168	0.9874251
49	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.000553	1	0.00055305	0.98797815
50	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	2.71E-04	1	0.00027099	0.98824914
51	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>OH+propoxide-->[propoxide]	0.0005085	1	0.00050854	0.98875768
52	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	0.0002459	2	0.00049179	0.98924947
53	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	0.0004636	1	0.00046362	0.9897131
54	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH2O-->[CH2O]	0.0002236	3	0.00067073	0.99038383

55	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	0.0004295	2	0.00085899	0.99124281
56	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[C2H4]	0.0004264	1	0.00042639	0.9916692
57	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0004124	1	0.00041243	0.99208163
58	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_3-- >[prod_3]prod_3=>frag_3+OH-->[frag_3]	0.0004195	2	0.00083907	0.9929207
59	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0004086	1	0.00040857	0.99332927
60	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	0.0001864	2	0.00037289	0.99370216
61	[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-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0003809	3	0.00114271	0.99484486
62	[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-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0003655	3	0.00109657	0.99594143

63	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	0.0003442	1	0.00034424	0.99628567
64	[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-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0003365	3	0.00100947	0.99729514
65	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	0.0003258	2	0.00065168	0.99794682
66	[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-- >[acetaldehyde]	0.0003205	3	0.0009615	0.99890832
67	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-->[CH3OOH]	0.0001592	1	0.00015925	0.99906757
68	[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-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0003154	3	0.00094628	1.00001385
69	[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-- >[CH3CH2OOH]	0.0003149	3	0.0009448	1.00095865

70	[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-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0002912	2	0.00058238	1.00154103
71	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy+O2=>acrolein+HO2-->[acrolein]	0.0002803	1	0.00028028	1.00182131
72	[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]	0.0002818	3	0.00084537	1.00266668
73	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-->[CH3OOH]	0.0002785	1	0.00027851	1.0029452
74	[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]	0.0002844	3	0.00085316	1.00379835
75	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]QOOH_2=>HO2+C3H6-->[C3H6]	0.0002708	0	0	1.00379835
76	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	0.0001191	2	0.00023818	1.00403653

77	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-- >[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]	0.0001217	4	0.00048695	1.00452347
78	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-- >[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]	0.0001117	4	0.00044689	1.00497036
79	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>acetone+H-->[acetone]	0.0001134	1	0.00011344	1.0050838
80	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-->[CH2O]	0.0002078	1	0.00020777	1.00529157
81	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	0.000204	2	0.00040809	1.00569967
82	[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-- >[OCH2OOH]OCH2OOH=>CH2O+HO2-->[CH2O]	0.0001855	2	0.00037106	1.00607073
83	[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-- >[CO]	9.592E-05	1	9.592E-05	1.00616665

84	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	8.981E-05	1	8.9808E-05	1.00625646
85	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[CH3CH2OOH]	8.152E-05	1	8.1524E-05	1.00633798
86	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-- >[npropyl]npropyloo=>HO2+C3H6-->[C3H6]	8.2E-05	1	8.2E-05	1.00641998
87	[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-->[CH3OOH]	0.0001602	3	0.00048072	1.0069007
88	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001647	1	0.00016474	1.00706544
89	[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-- >[acetaldehyde]	0.0001596	4	0.00063826	1.0077037

90	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[ipropyl]O2+ipropyl=>HO2+C3H6-->[C3H6]	0.0001644	1	0.00016439	1.0078681
91	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0001637	0	0	1.0078681
92	[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-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0001606	1	0.00016059	1.00802869
93	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	0.0001556	1	0.00015556	1.00818425
94	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide]	0.0001539	1	0.00015389	1.00833814
95	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	0.0001435	2	0.0002869	1.00862504
96	[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-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	0.0001411	4	0.00056448	1.00918952
97	[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]	0.0001446	2	0.00028928	1.00947881

98	[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-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001452	3	0.00043558	1.00991439
99	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[CH3CH2OOH]	0.0001397	1	0.00013972	1.01005411
100	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0001368	0	0	1.01005411