

	Pathway Name	Pathway Probability	#OH	f	cumulative f
1	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	0.3798948	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]	0.1885376	2	0.37707523	0.37707523
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]	0.0944208	3	0.28326227	0.6603375
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]	0.0943833	3	0.28314995	0.94348745
5	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-->[C3H6]	0.0794741	0	0	0.94348745
6	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-->[C3H6]	0.0706864	0	0	0.94348745
7	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	0.0051172	1	0.00511719	0.94860464
8	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	0.0069431	0	0	0.94860464
9	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0054954	1	0.00549543	0.95410008
10	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>HO2+C3H6-->[C3H6]	0.0055026	0	0	0.95410008
11	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	0.0026136	1	0.00261355	0.95671363
12	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	0.0045232	1	0.00452318	0.9612368

13	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	0.0044752	1	0.00447518	0.96571198
14	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	0.0031771	1	0.00317714	0.96888912
15	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	0.002985	1	0.00298501	0.97187412
16	[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]	0.0014802	1	0.00148019	0.97335431
17	[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]	0.002298	2	0.00459605	0.97795036
18	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-->[CH3OOH]	0.0010422	1	0.0010422	0.97899256
19	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]	0.0008315	1	0.00083145	0.97982401
20	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	0.0008276	1	0.00082757	0.98065159
21	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH2O-->[CH2O]	0.0014609	2	0.00292175	0.98357334
22	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]	0.0014269	1	0.00142688	0.98500022

23	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	0.0014192	1	0.00141919	0.9864194
24	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]O2+ipropyl=>HO2+C3H6-->[C3H6]	0.0013696	0	0	0.9864194
25	[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]	0.0011493	3	0.0034479	0.9898673
26	[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]	0.0011486	3	0.00344584	0.99331315
27	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	0.0010831	1	0.00108314	0.99439629
28	[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]	0.0004806	2	0.00096113	0.99535742
29	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	0.0009462	1	0.00094622	0.99630364
30	[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]	0.0008645	1	0.00086451	0.99716816
31	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>HO2+C3H6-->[C3H6]	0.0008037	0	0	0.99716816

32	[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]	0.0003627	2	0.00072545	0.9978936
33	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	0.000728	1	0.00072798	0.99862158
34	[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]	0.0007312	3	0.00219355	1.00081514
35	[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]	0.0007305	3	0.00219148	1.00300662
36	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-->[CH3OOH]	0.0003485	1	0.00034854	1.00335516
37	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-->[CH3OOH]	0.0006091	1	0.00060909	1.00396425
38	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>OH+propoxide-->[propoxide]	0.0005869	1	0.00058689	1.00455114
39	[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]	0.000575	1	0.00057499	1.00512613
40	[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]	0.0002848	1	0.00028481	1.00541095

41	[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]	0.0005473	1	0.00054728	1.00595823
42	[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]	0.0002731	1	0.00027305	1.00623128
43	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>OH+propoxide-->[propoxide]	0.0005113	1	0.00051126	1.00674255
44	[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]	0.0002433	3	0.00072998	1.00747253
45	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_3-- >[prod_3]prod_3=>frag_3+OH-->[frag_3]	0.0004887	2	0.00097738	1.0084499
46	[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]	0.0004677	1	0.00046772	1.00891762
47	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[C2H4]	0.0004254	1	0.00042543	1.00934305
48	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	4.25E-04	1	0.00042501	1.00976806
49	[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]	0.0004045	1	0.0004045	1.01017256

50	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[CH3CH2OOH]	1.79E-04	1	0.00017887	1.01035143
51	[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]	0.0001604	2	0.00032077	1.01067219
52	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[CH3CH2OOH]	0.0003069	1	0.00030687	1.01097906
53	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy+O2=>acrolein+HO2-->[acrolein]	0.000289	1	0.00028897	1.01126804
54	[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]	0.0002804	2	0.00056073	1.01182876
55	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]QOOH_2=>HO2+C3H6-->[C3H6]	0.0002735	0	0	1.01182876
56	[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	0.00048694	1.0123157

57	[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]	0.0001211	2	0.0002421	1.0125578
58	[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--				
59	>[frag_1]frag_1=>vinoxy+CH2O--				
	>[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	0.0001216	4	0.00048653	1.01304433
60	[OH]C3H8+OH=>npropyl+H2O--				
	>[npropyl]well_1=>HO2+prod_2--				
	>[prod_2]prod_2=>allyloxy+OH--				
	>[allyloxy]allyloxy=>C2H3+CH2O-->[CH2O]	0.000224	1	0.000224	1.01326833
61	[OH]C3H8+OH=>ipropyl+H2O--				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl--				
	>[ipropylooh]ipropylooh=>ipropyloxy+OH--				
	>[ipropyloxy]ipropyloxy=>acetone+H-->[acetone]	0.0001138	1	0.00011382	1.01338215
62	[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]	0.0002113	2	0.00042253	1.01380468
63	[OH]C3H8+OH=>ipropyl+H2O--				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl--				
	>[ipropylooh]ipropylooh=>ipropyloxy+OH--				
	>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde--				
	>[CH3]CH3OO+C3H8=>CH3OOH+npropyl-->[CH3OOH]	0.0002034	1	0.00020336	1.01400804
64	[OH]C3H8+OH=>npropyl+H2O--				
	>[npropyl]npropyloo+C3H8=>npropylooh+ipropyl--				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl--				
	>[ipropylooh]ipropylooh=>ipropyloxy+OH--				
	>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde--				
	>[acetaldehyde]	9.359E-05	1	9.359E-05	1.01410163

64	[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]	8.285E-05	1	8.285E-05	1.01418448
65	[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]	8.251E-05	2	0.00016502	1.0143495
66	[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]	0.0001661	1	0.00016611	1.01451561
67	[OH]C3H8+OH=>ipropyl+H2O--				
	>[ipropyl]O2+ipropyl=>QOOH_3--				
	>[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	0.0001552	1	0.0001552	1.0146708
68	[OH]C3H8+OH=>ipropyl+H2O--				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl--				
	>[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]	0.0001419	3	0.00042576	1.01509657
69	[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]	0.0001413	2	0.00028253	1.0153791
70	[OH]C3H8+OH=>npropyl+H2O--				
	>[npropyl]npropyloo+C3H8=>npropylooh+npropyl--				
	>[npropylooh]npropylooh=>npropyloxy+OH--				
	>[npropyloxy]npropyloxy=>C2H5+CH2O--				
	>[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+npropyl--				
	>[CH3CH2OOH]	5.972E-05	1	5.9722E-05	1.01543882

71	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[ipropyl]O2+ipropyl=>HO2+C3H6-->[C3H6]	5.259E-05	1	5.2595E-05	1.01549141
72	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-->[prod_2]	9.78E-05	0	0	1.01549141
73	[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]	9.35E-05	2	0.000187	1.01567842
74	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+npropyl-- >[CH3CH2OOH]	0.0001021	1	0.00010211	1.01578053
75	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH2O-->[CH2O]	4.493E-05	3	0.00013478	1.01591531
76	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[ipropyl]O2+ipropyl=>HO2+C3H6-->[C3H6]	9.021E-05	1	9.0213E-05	1.01600553
77	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]well_2=>well_3-- >[well_3]QOOH_3=>OH+propoxide-->[propoxide]	9.216E-05	1	9.2164E-05	1.01609769
78	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	8.769E-05	1	8.7692E-05	1.01618538

79	[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]	8.113E-05	2	0.00016226	1.01634764
80	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	8.347E-05	1	8.347E-05	1.01643111
81	[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+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	1.991E-05	2	3.9811E-05	1.01647092
82	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	7.916E-05	0	0	1.01647092
83	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH2O-->[CH2O]	7.697E-05	3	0.00023091	1.01670183
84	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[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]	7.105E-05	4	0.00028419	1.01698602

85	[OH]C3H8+OH=>ipropyl+H2O--				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl--				
	>[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]	7.097E-05	4	0.00028389	1.01726991
86	[OH]C3H8+OH=>npropyl+H2O--				
	>[npropyl]O2+npropyl=>QOOH_2--				
	>[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	7.31E-05	1	7.3097E-05	1.01734301
87	[OH]C3H8+OH=>ipropyl+H2O--				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl--				
	>[npropyl]well_1=>HO2+prod_2--				
	>[prod_2]prod_2=>allyloxy+OH--				
	>[allyloxy]allyloxy=>acrolein+H-->[acrolein]	6.689E-05	1	6.6889E-05	1.0174099
88	[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+M=>CH2O+H+M-->[CH2O]	7.077E-05	2	0.00014154	1.01755144
89	[OH]C3H8+OH=>npropyl+H2O--				
	>[npropyl]well_1=>HO2+prod_2--				
	>[prod_2]prod_2=>allyloxy+OH--				
	>[allyloxy]vinoxylmethyl=>C2H3+CH2O-->[CH2O]	6.497E-05	1	6.4969E-05	1.01761641
90	[OH]C3H8+OH=>ipropyl+H2O--				
	>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl--				
	>[ipropylooh]ipropylooh=>ipropyloxy+OH--				
	>[ipropyloxy]ipropyloxy=>acetone+H-->[acetone]	6.643E-05	1	6.6428E-05	1.01768284
91	[OH]C3H8+OH=>npropyl+H2O--				
	>[npropyl]O2+QOOH_1=>HO2+prod_2--				
	>[prod_2]prod_2=>allyloxy+OH--				
	>[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	5.631E-05	1	5.6311E-05	1.01773915
92	[OH]C3H8+OH=>npropyl+H2O--				
	>[npropyl]well_1=>HO2+prod_2--				
	>[prod_2]prod_2=>allyloxy+OH--				
	>[allyloxy]vinoxylmethyl=>C2H4+HCO-->[C2H4]	5.556E-05	1	5.5565E-05	1.01779472

93	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+npropyl-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	2.75E-05	2	5.5004E-05	1.01784972
94	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]O2+npropyl=>HO2+C3H6-->[C3H6]	5.511E-05	0	0	1.01784972
95	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	2.971E-05	1	2.9708E-05	1.01787943
96	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	5.462E-05	1	5.4622E-05	1.01793405
97	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	2.705E-05	1	2.705E-05	1.0179611
98	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	5.091E-05	1	5.0911E-05	1.01801201
99	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	5.287E-05	1	5.2873E-05	1.01806489
100	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	5.139E-05	1	5.1395E-05	1.01811628