

	Pathway Name	Pathway Probability	#OH	f	cumulative f
1	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	0.2869433	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-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	0.0933717	3	0.2801151	0.2801151
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-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0644521	2	0.12890415	0.40901925
4	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-->[C3H6]	0.0600464	0	0	0.40901925
5	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-->[C3H6]	0.0534759	0	0	0.40901925
6	[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]	0.0509277	2	0.10185545	0.51087469
7	[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]	0.0322362	3	0.09670866	0.60758336
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-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	0.0254656	3	0.07639689	0.68398024
9	[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]	0.024052	2	0.04810401	0.73208426

10	[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]	0.0120154	3	0.03604627	0.76813052
11	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	0.0067307	1	0.00673073	0.77486126
12	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	0.0064308	0	0	0.77486126
13	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	0.0052551	0	0	0.77486126
14	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	0.0025219	1	0.00252189	0.77738314
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-- >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0050395	2	0.01007894	0.78746208
16	[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]	0.0050205	2	0.01004104	0.79750312
17	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	0.0045239	1	0.00452387	0.80202699
18	[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]	0.0044105	2	0.00882108	0.81084807
19	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide]	0.0042819	1	0.00428186	0.81512993

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

28	[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]	0.002517	3	0.00755115	0.85272141
29	[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-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0024811	1	0.00248109	0.8552025
30	[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]	0.001119	1	0.00111901	0.85632151
31	[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]	0.0022188	3	0.00665648	0.86297799
32	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	0.0019004	1	0.00190041	0.8648784
33	[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]	0.0018753	3	0.00562603	0.87050443
34	[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]	0.0008963	1	0.00089634	0.87140077

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

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]CH2O+H=>HCO+H2-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0013848	2	0.00276955	0.88644616
45	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	0.0006811	1	0.00068111	0.88712727
46	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- >[npropyl]npropyloo=>HO2+C3H6-->[C3H6]	0.0013628	0	0	0.88712727
47	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0013319	0	0	0.88712727
48	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>ipropyl-->[ipropyl]ipropyloo=>HO2+C3H6- >[C3H6]	1.35E-03	0	0	0.88712727
49	[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]	0.0013022	3	0.0039065	0.89103376
50	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]	1.24E-03	1	0.00123904	0.8922728
51	[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-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	0.0012497	3	0.00374921	0.89602201

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

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

70	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	0.0008633	0	0	0.9214955
71	[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-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0008315	1	0.00083149	0.92232699
72	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	0.0008096	0	0	0.92232699
73	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>ipropyloo-- >[ipropyloo]ipropyloo=>HO2+C3H6-->[C3H6]	0.0007979	0	0	0.92232699
74	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide]	0.0007899	1	0.00078987	0.92311686
75	[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0007868	2	0.0015736	0.92469046
76	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>propen2yl+H2O-- >[propen2yl]propen2yl+O2=>acetyl+CH2O-->[CH2O]	0.000784	0	0	0.92469046
77	[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-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0007365	1	0.00073647	0.92542693
78	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+CH3OO=>allyloxy+CH3O-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	0.0007298	0	0	0.92542693

79	[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]	0.0007231	3	0.00216944	0.92759637
80	[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-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	0.0007096	4	0.0028383	0.93043466
81	[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-- >[CO]	0.0006872	3	0.00206157	0.93249623
82	[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-- >[CO]	0.000344	2	0.00068804	0.93318427
83	[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- ->[CO2]	0.0006691	3	0.00200731	0.93519159
84	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+CH3OO=>allyloxy+CH3O-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	0.0006477	0	0	0.93519159
85	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0003359	1	0.00033586	0.93552745

86	[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]	0.0006528	1	0.00065276	0.93618021
87	[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]vinoxylmethyl=>acrolein+H-->[acrolein]	0.0006398	1	0.00063976	0.93681997
88	[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]	0.0006205	2	0.00124093	0.9380609
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]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	0.0006267	4	0.00250662	0.94056752
90	[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]	0.0003065	2	0.00061303	0.94118055
91	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>HO2+C3H6-->[C3H6]	0.000607	0	0	0.94118055
92	[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-- >[CO]	0.0005985	3	0.00179536	0.94297591

93	[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]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	0.0005954	4	0.00238159	0.9453575
94	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>OH+propoxide-->[propoxide]	0.0005873	1	0.00058727	0.94594477
95	[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-- >[OCH2OOH]OCH2OOH=>CH2O+HO2-->[CH2O]	0.0005746	3	0.00172373	0.9476685
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-- >[CH2O]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0005739	3	0.00172161	0.94939011
97	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>propen2yl+H2O-- >[propen2yl]propen2yl+O2=>acetyl+CH2O-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	0.0005849	0	0	0.94939011
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]ipropyloo+CH2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	0.0005758	4	0.00230314	0.95169325
99	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0005728	1	0.00057279	0.95226604

100

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