

	Pathway Name	Pathway Probability	#OH	f	cumulative f
1	[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]	0.0933744	3	0.28012331	0.28012331
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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-->[CO]	0.0645419	2	0.12908385	0.40920716
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]	0.050945	2	0.10189005	0.5110972
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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-->[CO]	0.0322444	3	0.0967331	0.6078303
5	[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]	0.0254587	3	0.07637623	0.68420653
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]CH2O+HO2=>HCO+H2O2-->[HCO]HCO+O2=>CO+HO2-->[CO]	0.0241611	2	0.04832227	0.73252881
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+HO2=>HCO+H2O2-->[HCO]HCO+O2=>CO+HO2-->[CO]	0.0120584	3	0.03617509	0.7687039
8	[OH]C3H8+OH=>ipropyl+H2O-->[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	0.0066924	1	0.00669244	0.77539633

9	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	0.0025227	1	0.00252274	0.77791908
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-- >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0050419	2	0.01008385	0.78800292
11	[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]	0.0050296	2	0.01005914	0.79806206
12	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	0.0045307	1	0.00453067	0.80259273
13	[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]	0.0044319	2	0.00886375	0.81145648
14	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide]	0.0042651	1	0.00426507	0.81572156
15	[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]	0.0039667	1	0.00396669	0.81968825
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]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0037483	2	0.00749651	0.82718475
17	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	0.0031816	1	0.00318163	0.83036638

18	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0026811	1	0.00268108	0.83304747
19	[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	0.0052167	0.83826417
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-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-- >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0025058	3	0.00751738	0.84578154
21	[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]	0.0025133	3	0.00753981	0.85332135
22	[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]	0.0025202	1	0.0025202	0.85584155
23	[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	0.00111898	0.85696053
24	[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]	0.0022168	3	0.00665039	0.86361092

25	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	0.0018896	1	0.00188962	0.86550054
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-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-- >[CH2O]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0018667	3	0.00560017	0.87110072
27	[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]	0.0008929	1	0.00089287	0.87199359
28	[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]	0.00153	1	0.00152998	0.87352357
29	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	0.001472	1	0.00147201	0.87499558
30	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0014671	1	0.00146707	0.87646266
31	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]	0.0007237	1	0.00072369	0.87718635
32	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	0.001403	1	0.001403	0.87858935
33	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	0.0007194	1	0.00071942	0.87930877

34	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	0.000706	1	0.00070598	0.88001474
35	[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+M=>CH2O+H+M-->[CH2O]	0.0014163	3	0.00424902	0.88426376
36	[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]	0.0013798	2	0.00275958	0.88702335
37	[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]	0.0006766	1	0.00067659	0.88769994
38	[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]	0.0013038	3	0.00391135	0.89161129
39	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	0.0012559	1	0.00125592	0.89286721
40	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	0.0012334	1	0.00123338	0.89410059
41	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]	0.0012376	1	0.00123756	0.89533814

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-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	0.0012519	3	0.00375584	0.89909399
43	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	0.0012094	1	0.00120937	0.90030335
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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	0.0011941	3	0.00358228	0.90388564
45	[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]	0.0011385	2	0.00227691	0.90616254
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]ipropyloo+CH2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	0.0011514	3	0.00345422	0.90961677
47	[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]	0.0011366	3	0.00340994	0.91302671
48	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	1.08E-03	1	0.00108309	0.9141098

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-- >[CH2O]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	0.0010585	3	0.0031756	0.91728539
50	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	1.02E-03	1	0.00101959	0.91830498
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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0009624	2	0.00192479	0.92022978
52	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	0.0009461	1	0.00094612	0.92117589
53	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide]	0.0008905	1	0.00089047	0.92206637
54	[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]	0.000832	1	0.00083201	0.92289838
55	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide]	0.0007939	1	0.00079393	0.9236923
56	[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]	0.0007853	2	0.00157051	0.92526282

57	[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]	0.0007385	1	0.0007385	0.92600132
58	[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]	0.0007232	3	0.00216974	0.92817106
59	[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]	0.0007083	4	0.00283309	0.93100415
60	[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]	0.0006935	3	0.00208056	0.9330847
61	[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]	0.0003424	2	0.00068481	0.93376951
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-->[CO]CO+OH=>CO2+H- ->[CO2]	0.0006737	3	0.00202098	0.93579049
63	[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	0.00065284	0.93644333

64	[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]	0.0003363	1	0.00033633	0.93677967
65	[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]	0.0006425	1	0.0006425	0.93742217
66	[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	0.00124102	0.93866319
67	[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]	0.0006264	4	0.00250575	0.94116893
68	[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]	0.0003069	2	0.00061382	0.94178276
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-- >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0005946	3	0.00178369	0.94356644

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-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-- >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	0.0005971	4	0.00238829	0.94595473
71	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>OH+propoxide-->[propoxide]	0.0005863	1	0.00058628	0.94654101
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-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-- >[CH2O]ipropyloo+CH2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	0.0005802	4	0.00232094	0.94886195
73	[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]	0.000572	1	0.00057204	0.94943399
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-- >[CH2O]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0005683	3	0.00170493	0.95113892
75	[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+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.000555	3	0.0016651	0.95280402

76	[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.000555	3	0.00166511	0.95446912
77	[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]	0.0005953	3	0.00178586	0.95625498
78	[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=>CH2OH+O2-- >[CH2OH]CH2OH+O2=>CH2O+HO2-->[CH2O]	0.0005399	2	0.00107974	0.95733473
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]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	0.0005421	3	0.00162638	0.95896111
80	[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0002709	2	0.0005419	0.95950301

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]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	0.0005294	4	0.00211767	0.96162068
82	[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]	0.0005474	1	0.00054743	0.96216811
83	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	0.000519	1	0.000519	0.96268711
84	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0005189	1	0.00051894	0.96320605
85	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>OH+propoxide-->[propoxide]	0.0005121	1	0.00051214	0.96371819
86	[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]	0.0005054	1	0.00050536	0.96422355
87	[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]	0.0002474	2	0.00049485	0.9647184
88	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0005009	2	0.00100185	0.96572025

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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0004782	3	0.00143447	0.96715472
90	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0004615	1	0.00046151	0.96761623
91	[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]	0.000215	1	0.00021497	0.9678312
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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	0.0004344	4	0.00173758	0.96956878
93	[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]	0.0002066	1	0.00020658	0.96977536
94	[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]vinoxylmethyl=>acrolein+H-->[acrolein]	0.0004176	1	0.00041762	0.97019298

95	[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=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	0.0004077	1	0.00040771	0.97060069
96	[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]	0.0004046	1	0.00040461	0.9710053
97	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]HO2+C3H6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	0.0003939	1	0.00039388	0.97139918
98	[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=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0004127	1	0.00041274	0.97181192
99	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	0.0003948	1	0.00039481	0.97220673
100	[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=>C2H4+HCO-->[C2H4]	0.0003935	1	0.00039349	0.97260023
	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH2O-->[CH2O]	0.0004005	2	0.00080109	0.97340131

[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=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0003963	1	0.00039631	0.97379762
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0003939	3	0.00118176	0.97497938
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH2O-->[CH2O]	0.0003945	2	0.00078903	0.9757684
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[C2H4]	0.0003733	1	0.00037332	0.97614172
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	0.0003758	4	0.00150314	0.97764486
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0003727	2	0.00074546	0.97839032
[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]	0.0003536	1	0.00035358	0.9787439

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	0.0003548	1	0.00035477	0.97909867
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>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]	0.0003704	3	0.00111133	0.98021
[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+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0003411	3	0.00102328	0.98123328
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	0.0003534	1	0.00035337	0.98158665
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	0.0003376	1	0.00033764	0.98192429
[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+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0003405	3	0.00102161	0.9829459

[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0003221	3	0.00096629	0.98391219
[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]	0.0003102	3	0.00093059	0.98484278
[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-- >[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]	0.0003105	3	0.00093141	0.98577419
[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+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0002951	3	0.00088537	0.98665956
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0003073	1	0.00030729	0.98696685
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	0.0002952	1	0.00029518	0.98726203

[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0002944	4	0.00117767	0.9884397
[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+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0002918	2	0.0005836	0.9890233
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo+HO2=>ipropylooh+O2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	0.000292	1	0.00029196	0.98931525
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0002886	4	0.00115429	0.99046954
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.000273	1	0.00027298	0.99074252

[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]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	0.0002887	4	0.00115466	0.99189717
[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]CO+OH=>CO2+H-->[CO2]	0.0002788	2	0.00055757	0.99245474
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0002756	4	0.00110255	0.99355729
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	0.0002832	1	0.00028325	0.99384054
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0002763	4	0.00110513	0.99494567

[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=>CH2OH+O2-- >[CH2OH]CH2OH+O2=>CH2O+HO2-->[CH2O]	0.0002764	3	0.00082915	0.99577482
[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-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	0.0002704	4	0.00108148	0.99685629
[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+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001339	2	0.0002677	0.997124
[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]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	0.0002658	4	0.00106319	0.99818719
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	0.0002586	2	0.00051724	0.99870443

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[CH2O]	0.0002638	1	0.00026376	0.99896819
[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]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	0.000239	3	0.00071704	0.99968523
[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)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	0.0001235	2	0.00024704	0.99993227
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0002497	3	0.00074914	1.00068141
[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]	0.0001205	4	0.00048209	1.0011635
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0002247	2	0.00044945	1.00161294

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	0.0002382	1	0.00023824	1.00185119
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	0.0002413	1	0.00024125	1.00209244
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001146	2	0.00022926	1.0023217
[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=>C2H4+HCO-->[C2H4]	0.0002237	1	0.00022366	1.00254536
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	0.000216	5	0.00108023	1.00362559
[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=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0002224	1	0.0002224	1.00384799

[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+HO2=>CO2+OH-->[CO2]	0.0002202	4	0.00088088	1.00472888
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0002124	1	0.00021242	1.00494129
[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=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	0.000216	1	0.00021602	1.00515731
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-->[CH2O]	0.0002189	1	0.00021887	1.00537618
[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=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0002134	1	0.00021343	1.00558961
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0002073	1	0.00020732	1.00579692
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001063	2	0.00021264	1.00600957

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>acetone+H-->[acetone]	0.0001058	1	0.00010576	1.00611533
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	0.0002119	1	0.00021192	1.00632725
[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]	0.0001024	2	0.00020487	1.00653212
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0002045	2	0.00040907	1.0069412
[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)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	9.751E-05	2	0.00019503	1.00713623
[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]	0.0001972	3	0.00059168	1.0077279

[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0002002	2	0.00040035	1.00812825
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0002056	2	0.00041123	1.00853948
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>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]	0.0001985	3	0.00059554	1.00913502
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	0.0001903	1	0.00019027	1.00932529
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	9.173E-05	1	9.1734E-05	1.00941702
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0001883	1	0.00018834	1.00960536

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.000187	2	0.0003741	1.00997946
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	0.0001883	5	0.00094155	1.01092101
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001869	3	0.00056074	1.01148175
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.000179	2	0.00035805	1.01183979
[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]	0.0001792	2	0.00035849	1.01219828
[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=>C2H3+CH2O-->[CH2O]	0.0001905	1	0.00019047	1.01238876

[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	9.049E-05	2	0.00018099	1.01256974
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	0.0001715	1	0.00017154	1.01274128
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001705	4	0.00068189	1.01342317
[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]	8.28E-05	2	0.00016559	1.01358876
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001608	4	0.00064326	1.01423203

[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001634	4	0.00065351	1.01488554
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	8.334E-05	3	0.00025001	1.01513555
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001711	4	0.00068449	1.01582004
[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-- >[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]	0.0001555	4	0.00062213	1.01644217

[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+acetylperoxy=>HCO+CH3CO3H-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001609	2	0.00032172	1.01676389
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001579	2	0.00031588	1.01707978
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	0.0001552	1	0.00015518	1.01723496
[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+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-- >[formyloxy]formyloxy+M=>H+CO2+M-->[CO2]	0.000152	3	0.000456	1.01769096
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001545	2	0.000309	1.01799997
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	6.931E-05	1	6.9311E-05	1.01806928
[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+M=>CH2OH+M-- >[CH2OH]CH2OH+O2=>CH2O+HO2-->[CH2O]	0.0001545	2	0.00030905	1.01837832

[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001447	3	0.000434	1.01881232
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001499	4	0.00059967	1.01941199
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyloo+HO2=>npropylooh+O2-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	0.000148	1	0.00014803	1.01956002
[OH]C3H8+OH=>npropyl+H2O-- >[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]	0.0001455	3	0.00043642	1.01999645
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy+O2=>acrolein+HO2-->[acrolein]	0.0001408	1	0.00014076	1.02013721
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001439	1	0.00014393	1.02028114

[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]	0.0001455	2	0.00029103	1.02057217
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[C2H4]	0.0001411	1	0.00014108	1.02071325
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	6.982E-05	1	6.9818E-05	1.02078306
[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]ipropyloo+CH2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001374	4	0.00054968	1.02133275
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxyl+CH2O-- >[vinoxyl]vinoxyl+O2=>CH2O+CO+OH-- >[CH2O]ipropyloo+CH2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	0.0001438	5	0.00071878	1.02205153

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H2O-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	7.44E-05	2	0.00014881	1.02220034
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	0.0001433	1	0.00014327	1.02234361
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001475	4	0.00059012	1.02293373
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	0.0001411	2	0.00028222	1.02321595
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+H=>allyl+H2-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	0.0001421	1	0.00014212	1.02335807
[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=>C2H3+CH2O-->[CH2O]	0.0001327	1	0.00013268	1.02349075

[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+formylperoxy=>HCO+formylooh-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001437	2	0.00028745	1.0237782
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	0.0001429	2	0.00028584	1.02406404
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.000141	1	0.00014101	1.02420505
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>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]	0.0001476	2	0.00029511	1.02450016
[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]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001374	4	0.00054954	1.02504971
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	6.755E-05	2	0.00013509	1.0251848

[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	0.0001345	1	0.00013446	1.02531926
[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]vinoxylmethyl=>acrolein+H-->[acrolein]	0.0001341	1	0.00013407	1.02545333
[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]CO+HO2=>CO2+OH-->[CO2]	0.0001254	3	0.00037609	1.02582942
[OH]C3H8+OH=>npropyl+H2O-- >[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]	0.0001361	4	0.00054434	1.02637377
[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]CO+OH=>CO2+H-->[CO2]	0.0001398	3	0.00041938	1.02679315

[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	0.0001327	5	0.00066359	1.02745673
[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]	6.574E-05	3	0.00019722	1.02765396
[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]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	0.0001201	4	0.00048056	1.02813452
[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]	6.258E-05	1	6.2583E-05	1.0281971
[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]	0.0001255	1	0.00012554	1.02832265

[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]vinoxylmethyl=>acrolein+H-->[acrolein]	0.0001196	1	0.00011959	1.02844224
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	6.134E-05	1	6.1337E-05	1.02850358
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001194	1	0.00011936	1.02862294
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001187	1	0.00011866	1.0287416
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	0.0001239	1	0.00012394	1.02886554
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001181	1	0.00011807	1.02898361
[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]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	0.0001219	4	0.00048754	1.02947115

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001153	1	0.00011527	1.02958642
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	0.0001117	1	0.0001117	1.02969812
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	5.764E-05	2	0.00011529	1.02981341
[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=>acetaldehyde+H-->[acetaldehyde]	0.0001185	3	0.00035564	1.03016905
[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=>CH2OH+O2-- >[CH2OH]CH2OH+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001106	2	0.00022117	1.03039022
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001195	1	0.00011945	1.03050967

[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-- >[C2H5]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.000111	3	0.00033295	1.03084262
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyloo=>OH+propoxide-->[propoxide]	0.0001163	1	0.00011634	1.03095896
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	5.53E-05	2	0.00011061	1.03106957
[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=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.0001076	1	0.00010758	1.03117715
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001125	3	0.00033748	1.03151462

[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)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	0.0001046	1	0.00010462	1.03161924
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001091	4	0.00043629	1.03205554
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.000105	1	0.00010495	1.03216049
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001054	2	0.00021083	1.03237132
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	9.868E-05	1	9.8677E-05	1.03247
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	5.225E-05	1	5.225E-05	1.03252225

[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-- >[CH3]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	9.907E-05	3	0.00029722	1.03281947
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	0.000106	1	0.00010597	1.03292544
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	0.0001012	2	0.00020242	1.03312786
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001022	3	0.00030653	1.03343438
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	0.0001018	3	0.00030539	1.03373978

[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]	4.956E-05	2	9.9126E-05	1.0338389
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	9.923E-05	1	9.9234E-05	1.03393814
[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)-- >[CH3]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	4.863E-05	1	4.863E-05	1.03398677
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	9.617E-05	1	9.6173E-05	1.03408294
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	4.616E-05	1	4.6158E-05	1.0341291
[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	9.806E-05	4	0.00039224	1.03452133

[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	8.959E-05	3	0.00026877	1.0347901
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[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]	9.308E-05	2	0.00018615	1.03497625
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	9.769E-05	1	9.7688E-05	1.03507394
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	8.929E-05	1	8.9287E-05	1.03516322
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	9.329E-05	1	9.3288E-05	1.03525651
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	9.313E-05	3	0.00027938	1.03553589
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]well_2=>well_3-- >[well_3]QOOH_3=>OH+propoxide-->[propoxide]	9.22E-05	1	9.2204E-05	1.0356281

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxyl+CO2-->[CO2]	9.238E-05	1	9.2375E-05	1.03572047
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	9.47E-05	2	0.0001894	1.03590987
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH2CHCO]CH2CHCO+O2=>vinoxyl+CO2-->[CO2]	9.061E-05	1	9.0614E-05	1.03600049
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	8.737E-05	1	8.7371E-05	1.03608786
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	4.454E-05	2	8.9084E-05	1.03617694

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	8.84E-05	1	8.8395E-05	1.03626534
[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+O2=>acrolein+HO2-->[acrolein]	8.751E-05	1	8.7513E-05	1.03635285
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	8.877E-05	1	8.8771E-05	1.03644162
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	8.592E-05	1	8.5915E-05	1.03652753
[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)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	8.625E-05	1	8.6254E-05	1.03661379
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[C2H4]	9.044E-05	1	9.0441E-05	1.03670423
[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]	8.34E-05	1	8.3395E-05	1.03678762

[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=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	8.631E-05	1	8.6309E-05	1.03687393
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	8.495E-05	1	8.4949E-05	1.03695888
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	8.627E-05	1	8.6267E-05	1.03704515
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>npropyl-->[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxyl+CH2O-->[CH2O]	8.347E-05	2	0.00016695	1.0372121
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	8.676E-05	1	8.6765E-05	1.03729886
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	8.38E-05	1	8.3795E-05	1.03738266

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	8.168E-05	1	8.1677E-05	1.03746434
[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]	8.486E-05	2	0.00016973	1.03763406
[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=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	8.534E-05	1	8.5341E-05	1.03771941
[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=>C2H4+HCO-->[C2H4]	8.227E-05	1	8.227E-05	1.03780168
[OH]C3H8+OH=>npropyl+H2O-- >[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]frag_3+OH=>prod_3-- >[prod_3]prod_3=>frag_3+OH-->[frag_3]	8.174E-05	5	0.00040872	1.0382104
[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+acetylperoxy=>HCO+CH3CO3H-- >[CH3CO3H]CH3CO3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH3+CO2+M-->[CO2]	8.535E-05	3	0.00025604	1.03846644

[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	4.163E-05	4	0.0001665	1.03863295
[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=>CH2OH+O2-- >[CH2OH]CH2OH+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	8.029E-05	2	0.00016057	1.03879352
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	8.351E-05	1	8.3506E-05	1.03887702
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	8.109E-05	5	0.00040543	1.03928246
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	7.659E-05	1	7.6594E-05	1.03935905

[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=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	8.293E-05	1	8.2926E-05	1.03944198
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo+HO2=>ipropylooh+O2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	8.224E-05	2	0.00016447	1.03960645
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	7.766E-05	1	7.7659E-05	1.0396841
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyloo+HO2=>npropylooh+O2-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	7.733E-05	1	7.7327E-05	1.03976143
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxyl+CH2O-- >[vinoxyl]vinoxyl+O2=>CH2O+CO+OH-- >[CH2O]CH2O+acetylperoxy=>HCO+CH3CO3H-- >[HCO]HCO+O2=>CO+HO2-->[CO]	8.094E-05	3	0.00024283	1.04000426
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxyl+CH2O-- >[vinoxyl]vinoxyl+O2=>CH2O+CO+OH-- >[CH2O]CH2O+H+M=>CH2OH+M-- >[CH2OH]CH2OH+O2=>CH2O+HO2-->[CH2O]	7.704E-05	3	0.00023113	1.04023539

[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]	3.967E-05	1	3.9673E-05	1.04027506
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H2O-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	3.865E-05	2	7.7306E-05	1.04035237
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	7.79E-05	1	7.7896E-05	1.04043026
[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=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	7.679E-05	1	7.6792E-05	1.04050706
[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=>C2H4+HCO-->[C2H4]	7.32E-05	1	7.3199E-05	1.04058025
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+CH3OO=>allyl+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	8.08E-05	1	8.0796E-05	1.04066105
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo+CH2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	7.353E-05	1	7.3528E-05	1.04073458

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	7.274E-05	2	0.00014548	1.04088006
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]H+C3H6=>npropyl-->[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH2O-->[CH2O]	7.419E-05	2	0.00014839	1.04102845
[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+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-- >[formyloxy]formyloxy+M=>H+CO2+M-->[CO2]	7.615E-05	4	0.0003046	1.04133305
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[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]	7.27E-05	1	7.2695E-05	1.04140574
[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]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	7.938E-05	4	0.00031751	1.04172325

[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	7.777E-05	2	0.00015553	1.04187879
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>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]	7.681E-05	3	0.00023043	1.04210922
[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]CO+OH=>CO2+H-->[CO2]	7.435E-05	2	0.00014871	1.04225793
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	6.896E-05	5	0.00034478	1.0426027
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	7.321E-05	1	7.3208E-05	1.04267591
[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+formylperoxy=>HCO+formylooh-- >[HCO]HCO+O2=>CO+HO2-->[CO]	7.148E-05	3	0.00021444	1.04289035

[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	7.682E-05	3	0.00023046	1.04312081
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_3-- >[prod_3]prod_3=>frag_3+OH-->[frag_3]	7.535E-05	2	0.00015069	1.04327151
[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]CH2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-- >[formyloxy]formyloxy+M=>H+CO2+M-->[CO2]	7.392E-05	3	0.00022175	1.04349326
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	7.614E-05	5	0.00038068	1.04387395
[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=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	7.592E-05	1	7.5923E-05	1.04394987

[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=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	7.068E-05	1	7.0684E-05	1.04402055
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide]	7.786E-05	1	7.7858E-05	1.04409841
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	7.361E-05	1	7.3609E-05	1.04417202
[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]	7.031E-05	4	0.00028126	1.04445328
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.501E-05	2	7.0026E-05	1.0445233
[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]CH2O+formylperoxy=>HCO+formylooh-- >[HCO]HCO+O2=>CO+HO2-->[CO]	6.999E-05	2	0.00013998	1.04466328

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetylperoxy+HO2=>CH3CO3H+O2-- >[CH3CO3H]CH3CO3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH3+CO2+M-->[CO2]	3.568E-05	2	7.1354E-05	1.04473463
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	7.371E-05	3	0.00022114	1.04495578
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-->[CH2O]	7.355E-05	1	7.3552E-05	1.04502933
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo+HO2=>ipropylooh+O2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	7.043E-05	2	0.00014086	1.04517019
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	6.668E-05	2	0.00013336	1.04530355

[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]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	7.657E-05	4	0.00030629	1.04560984
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	6.872E-05	1	6.8718E-05	1.04567856
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.613E-05	1	3.6131E-05	1.04571469
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	7.255E-05	2	0.0001451	1.04585979
[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=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	7.379E-05	1	7.3791E-05	1.04593358

[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]	3.288E-05	4	0.00013153	1.04606511
[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+M=>CH3O+M-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	6.794E-05	2	0.00013587	1.04620099
[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+M=>CH2OH+M-- >[CH2OH]CH2OH+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	6.463E-05	2	0.00012925	1.04633024
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	6.618E-05	1	6.6181E-05	1.04639642
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>HO2+C3H6-- >[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide]	6.09E-05	1	6.0902E-05	1.04645732
[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]	6.821E-05	1	6.8205E-05	1.04652553

[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	6.963E-05	5	0.00034813	1.04687366
[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=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	6.415E-05	1	6.4155E-05	1.04693782
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+CH3OO=>allyl+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	6.728E-05	1	6.7277E-05	1.04700509
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	6.209E-05	1	6.2091E-05	1.04706718
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]H+C3H6=>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]	6.855E-05	3	0.00020566	1.04727284

[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.136E-05	3	9.4075E-05	1.04736692
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-- >[C2H4]C2H4+OH=>CH2CH2OH-- >[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-->[CH2O]	3.132E-05	2	6.2649E-05	1.04742956
[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	6.051E-05	2	0.00012101	1.04755058
[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=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	6.106E-05	1	6.106E-05	1.04761164
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-- >[C2H4]C2H4+OH=>CH2CH2OH-- >[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-->[CH2O]	3.119E-05	2	6.2373E-05	1.04767401
[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=>C2H3+CH2O-->[CH2O]	6.403E-05	1	6.4028E-05	1.04773804

[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=>C2H4+HCO-->[C2H4]	6.077E-05	1	6.0766E-05	1.0477988
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	5.594E-05	2	0.00011188	1.04791069
[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-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	6.077E-05	5	0.00030386	1.04821455
[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+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	6.07E-05	3	0.00018209	1.04839664
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]H2O2+acetylperoxy=>HO2+CH3CO3H-- >[CH3CO3H]CH3CO3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH3+CO2+M-->[CO2]	2.897E-05	2	5.7945E-05	1.04845458

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-->[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	3.213E-05	1	3.2131E-05	1.04848671
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide]	5.912E-05	1	5.9124E-05	1.04854584
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	6.207E-05	1	6.2073E-05	1.04860791
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>ipropyl-- >[ipropyl]ipropyloo+HO2=>ipropylooh+O2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	6.141E-05	1	6.1408E-05	1.04866932
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>acetone+H-->[acetone]	6.17E-05	1	6.17E-05	1.04873102
[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-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	6.081E-05	4	0.00024325	1.04897427

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	5.728E-05	2	0.00011456	1.04908883
[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=>vinoxyl+CH2O-- >[CH2O]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	6.107E-05	2	0.00012213	1.04921096
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+CH3CH2OO=>allyl+CH3CH2OOH-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	5.607E-05	1	5.6073E-05	1.04926703
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	6.18E-05	2	0.00012359	1.04939063
[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]	5.992E-05	2	0.00011984	1.04951046
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-->[CH2O]	6.109E-05	1	6.1092E-05	1.04957155

[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]C3H8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-- >[formyloxy]formyloxy+M=>H+CO2+M-->[CO2]	6.181E-05	3	0.00018542	1.04975697
[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]CO+HO2=>CO2+OH-->[CO2]	6.404E-05	4	0.00025618	1.05001315
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	5.263E-05	3	0.00015788	1.05017103
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	5.922E-05	1	5.922E-05	1.05023025
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	5.458E-05	1	5.458E-05	1.05028483

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[CH2O]	5.489E-05	1	5.4888E-05	1.05033972
[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)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.731E-05	2	5.4624E-05	1.05039434
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-- >[C2H4]C2H4+OH=>CH2CH2OH-- >[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-->[CH2O]	5.342E-05	2	0.00010685	1.05050119
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	6.227E-05	2	0.00012453	1.05062572
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	5.336E-05	1	5.3365E-05	1.05067908
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	6.188E-05	1	6.1883E-05	1.05074097

[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	5.449E-05	5	0.00027245	1.05101342
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	5.448E-05	2	0.00010896	1.05112239
[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=>CH2OH+O2-- >[CH2OH]CH2OH+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	5.536E-05	3	0.00016609	1.05128847
[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+M=>H+CO+M-- >[CO]	5.456E-05	2	0.00010913	1.0513976
[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+M=>CH3O+M-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	6.181E-05	2	0.00012363	1.05152123

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	5.763E-05	1	5.7633E-05	1.05157886
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh+C3H8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH2O-- >[CH2O]npropylooh+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	5.392E-05	2	0.00010784	1.05168671
[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]npropylooh+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OOH+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	5.533E-05	4	0.0002213	1.05190801
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropylooh+HO2=>ipropylooh+O2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	5.397E-05	1	5.3973E-05	1.05196198
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropylooh+HO2=>npropylooh+O2-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	5.726E-05	1	5.7261E-05	1.05201924
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]HO2+C3H6=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	5.091E-05	1	5.091E-05	1.05207015

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropoxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	5.517E-05	1	5.5166E-05	1.05212532
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropoxy+OH-- >[ipropoxy]ipropoxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.627E-05	2	5.2544E-05	1.05217786
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	5.498E-05	1	5.4976E-05	1.05223284
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+H=>allyl+H2-->[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	5.471E-05	1	5.4712E-05	1.05228755
[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=>acetaldehyde+H-->[acetaldehyde]	5.932E-05	4	0.00023729	1.05252485
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[CH2O]	4.889E-05	1	4.8886E-05	1.05257373

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acety l-->[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	2.469E-05	1	2.4695E-05	1.05259843
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	5.276E-05	2	0.00010551	1.05270394
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]H+C3H6=>ipropyl-- >[ipropyl]ipropyloo+HO2=>ipropylooh+O2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	5.451E-05	1	5.4506E-05	1.05275845
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-- >[C2H4]C2H4+OH=>CH2CH2OH-- >[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-->[CH2O]	5.376E-05	2	0.00010753	1.05286598
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	5.11E-05	2	0.0001022	1.05296818
[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]C3H6+HO2=>propen1ol+OH-->[propen1ol]	2.614E-05	2	5.2278E-05	1.05302046

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-->[CH2O]	5.558E-05	1	5.5577E-05	1.05307603
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	4.722E-05	1	4.7218E-05	1.05312325
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	5.139E-05	1	5.1393E-05	1.05317464
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	4.926E-05	5	0.00024631	1.05342096
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	4.615E-05	1	4.6152E-05	1.05346711
[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]	4.844E-05	2	9.689E-05	1.053564

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	2.675E-05	1	2.6745E-05	1.05359074
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	5.277E-05	1	5.2773E-05	1.05364352
[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-- >[CH3]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	4.948E-05	4	0.00019793	1.05384144
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	5.008E-05	1	5.0077E-05	1.05389152
[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=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	4.984E-05	1	4.9838E-05	1.05394136

[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)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.477E-05	2	4.9549E-05	1.05399091
[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=>C2H3+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	4.75E-05	1	4.7499E-05	1.05403841
[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]	5.285E-05	1	5.2851E-05	1.05409126
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>C2H4+HCO-->[C2H4]	4.88E-05	1	4.8802E-05	1.05414006
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+CH3OO=>allyloxy+CH3O-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	5.129E-05	1	5.129E-05	1.05419135
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	4.741E-05	3	0.00014223	1.05433358

[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.551E-05	2	5.1011E-05	1.05438459
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]well_3=>well_2-- >[well_2]QOOH_2=>OH+propoxide-->[propoxide]	5.034E-05	1	5.0339E-05	1.05443493
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[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]	4.902E-05	1	4.9016E-05	1.05448395
[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=>vinoxyl+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	4.856E-05	3	0.00014568	1.05462963
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	4.525E-05	1	4.5251E-05	1.05467488
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	4.851E-05	1	4.8514E-05	1.05472339

[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]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	2.517E-05	1	2.5171E-05	1.05474856
[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]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	4.593E-05	2	9.1861E-05	1.05484042
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.256E-05	2	4.5125E-05	1.05488555
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	5.026E-05	1	5.0255E-05	1.0549358
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-->[CH2O]	4.525E-05	1	4.5254E-05	1.05498106
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	4.46E-05	1	4.4601E-05	1.05502566

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	5.087E-05	1	5.0866E-05	1.05507652
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	4.603E-05	1	4.6028E-05	1.05512255
[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]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.302E-05	2	4.6041E-05	1.05516859
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	4.352E-05	2	8.7034E-05	1.05525563
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.157E-05	2	4.3146E-05	1.05529877

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	4.474E-05	1	4.4738E-05	1.05534351
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[C2H4]	4.676E-05	1	4.6757E-05	1.05539027
[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)-- >[CH3]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	2.159E-05	2	4.3176E-05	1.05543344
[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+O2=>acrolein+HO2-->[acrolein]	4.467E-05	1	4.4668E-05	1.05547811
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	4.461E-05	1	4.4611E-05	1.05552272
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	4.423E-05	1	4.4229E-05	1.05556695

[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-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	4.476E-05	5	0.00022379	1.05579074
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.334E-05	2	4.6686E-05	1.05583743
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3O=>CH2CHCO+CH3OH-->[CH3OH]	4.329E-05	1	4.3293E-05	1.05588072
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	4.231E-05	1	4.2314E-05	1.05592303
[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]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	4.588E-05	4	0.00018352	1.05610655

[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=>acetone+H-->[acetone]	4.68E-05	3	0.00014039	1.05624694
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH2O-- >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.889E-05	2	7.7782E-05	1.05632472
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	4.455E-05	1	4.455E-05	1.05636927
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	4.511E-05	1	4.5113E-05	1.05641438
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	4.428E-05	1	4.4279E-05	1.05645866
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	4.604E-05	2	9.2084E-05	1.05655075

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[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]	4.608E-05	1	4.6077E-05	1.05659682
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	3.922E-05	1	3.9223E-05	1.05663605
[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+acetylperoxy=>HCO+CH3CO3H-- >[CH3CO3H]CH3CO3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH3+CO2+M-->[CO2]	4.267E-05	4	0.00017067	1.05680672
[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]vinoxylmethyl=>C2H3+CH2O-->[CH2O]	4.618E-05	1	4.6183E-05	1.0568529
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>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]	4.13E-05	3	0.00012391	1.05697681
[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]CH3O+CO=>CH3+CO2-->[CO2]	4.285E-05	3	0.00012855	1.05710536

[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]	2.047E-05	1	2.0475E-05	1.05712584
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[C2H4]	4.139E-05	1	4.1385E-05	1.05716722
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	4.503E-05	2	9.006E-05	1.05725728
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	4.353E-05	1	4.3533E-05	1.05730081
[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	4.182E-05	3	0.00012545	1.05742626
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	4.445E-05	1	4.4453E-05	1.05747071

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+H=>HCO+H2-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.924E-05	1	1.9236E-05	1.05748995
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>ethenol+CH3-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	4.095E-05	1	4.0955E-05	1.05753091
[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.059E-05	2	4.1189E-05	1.05757209
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	4.083E-05	1	4.0833E-05	1.05761293
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.966E-05	2	3.9312E-05	1.05765224
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>propen2yl+H2O-- >[propen2yl]propen2yl+O2=>acetyl+CH2O-- >[acetyl]acetylperoxy+HO2=>CH3CO3H+O2-- >[CH3CO3H]CH3CO3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH3+CO2+M-->[CO2]	4.23E-05	1	4.2298E-05	1.05769454

[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-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	2.22E-05	4	8.8799E-05	1.05778334
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+npropyloo=>allyl+npropylooh-- >[allyl]allyl+HO2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	3.913E-05	1	3.9126E-05	1.05782246
[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+M=>CH2O+H+M-- >[CH2O]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.978E-05	3	0.00011935	1.05794181
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-->[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	2.005E-05	2	4.01E-05	1.05798191
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.808E-05	5	0.00019038	1.05817229

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-->[CH2O]	4.045E-05	1	4.0452E-05	1.05821275
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	3.928E-05	2	7.8556E-05	1.0582913
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	3.908E-05	1	3.908E-05	1.05833038
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[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]	4.089E-05	1	4.0888E-05	1.05837127
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.816E-05	2	7.6324E-05	1.05844759
[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]CH2O+H+M=>CH2OH+M-- >[CH2OH]CH2OH+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.887E-05	2	7.7747E-05	1.05852534

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H2O-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	4.325E-05	2	8.6503E-05	1.05861184
[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.994E-05	2	3.9885E-05	1.05865173
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyloo+HO2=>npropylooh+O2-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]	3.883E-05	1	3.8829E-05	1.05869056
[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)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.089E-05	2	4.1784E-05	1.05873234
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	4.032E-05	1	4.0324E-05	1.05877267
[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+CH3=>HCO+CH4-->[CH4]	3.899E-05	2	7.7976E-05	1.05885064

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	3.956E-05	1	3.9559E-05	1.0588902
[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-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	3.82E-05	4	0.00015281	1.05904301
[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=>CH2OH+O2-- >[CH2OH]CH2OH+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.913E-05	3	0.0001174	1.05916041
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>O+vinoxy-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	3.611E-05	2	7.2219E-05	1.05923263
[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]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.871E-05	2	3.7425E-05	1.05927006

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-- >[npropyl]npropyloo=>HO2+C3H6-->[C3H6]	3.652E-05	1	3.6516E-05	1.05930657
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.985E-05	1	3.9849E-05	1.05934642
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH2O-- >[CH2O]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.886E-05	2	7.7721E-05	1.05942414
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.597E-05	1	3.597E-05	1.05946011
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	4.02E-05	1	4.0204E-05	1.05950032
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	3.953E-05	1	3.9525E-05	1.05953984
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	3.381E-05	2	6.7617E-05	1.05960746

[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	4.147E-05	3	0.00012442	1.05973188
[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]CO+OH=>CO2+H-->[CO2]	3.715E-05	3	0.00011146	1.05984334
[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-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	3.846E-05	5	0.00019232	1.06003567
[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]	3.836E-05	3	0.00011507	1.06015073

[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]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.66E-05	3	0.00010981	1.06026054
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	3.502E-05	1	3.5023E-05	1.06029556
[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]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	4.071E-05	2	8.1421E-05	1.06037698
[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]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.819E-05	2	3.6376E-05	1.06041336
[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-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	3.964E-05	3	0.00011893	1.06053229

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	3.643E-05	1	3.6434E-05	1.06056872
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.844E-05	2	3.6878E-05	1.0606056
[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]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.73E-05	3	0.00011191	1.06071751
[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]CH2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-- >[formyloxy]formyloxy+M=>H+CO2+M-->[CO2]	3.693E-05	4	0.00014774	1.06086525
[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]vinoxylmethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.524E-05	1	3.5244E-05	1.06090049

[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-- >[CH3]CH3OO+CH3OO=>O2+CH3O+CH3O-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	3.497E-05	3	0.00010491	1.0610054
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	3.509E-05	1	3.5093E-05	1.06104049
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]H+C3H6=>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]	3.721E-05	3	0.00011162	1.06115212
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	3.473E-05	1	3.4734E-05	1.06118685
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	3.633E-05	1	3.6331E-05	1.06122318
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	4.033E-05	1	4.0331E-05	1.06126351

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acety l-->[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	1.992E-05	2	3.9834E-05	1.06130335
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	4.075E-05	1	4.0746E-05	1.06134409
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.979E-05	5	0.00019893	1.06154303
[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]vinoxylmethyl=>C2H4+HCO-->[C2H4]	3.58E-05	1	3.5803E-05	1.06157883
[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]CO+HO2=>CO2+OH-- >[CO2]	3.882E-05	3	0.00011647	1.0616953

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>propen1yl+H2O-- >[propen1yl]propen1yl+O2=>acetaldehyde+HCO-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	3.203E-05	1	3.2033E-05	1.06172734
[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=>C2H3+CH2O-->[CH2O]	3.959E-05	1	3.9592E-05	1.06176693
[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	4.004E-05	3	0.00012013	1.06188705
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-- >[C2H3]C2H3+O2=>O+vinoxy-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	3.423E-05	2	6.8463E-05	1.06195552
[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=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	3.568E-05	1	3.5681E-05	1.0619912
[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]	1.65E-05	2	3.3001E-05	1.0620242

[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+M=>CH2O+H+M-- >[CH2O]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.51E-05	3	0.0001053	1.0621295
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+CH3OO=>allyl+CH3OOH-- >[allyl]allyl+HO2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	3.32E-05	1	3.3201E-05	1.0621627
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.292E-05	1	3.2921E-05	1.06219562
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	4.087E-05	1	4.0866E-05	1.06223648
[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-- >[CH3]CH3OO+CH3OO=>O2+CH3O+CH3O-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	3.598E-05	3	0.00010793	1.06234441
[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+M=>CH3O+M-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	3.432E-05	3	0.00010297	1.06244738

[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]CH2O+formylperoxy=>HCO+formylooh-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.507E-05	3	0.00010521	1.06255259
[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=>C2H3+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.283E-05	1	3.2829E-05	1.06258542
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[C2H3]C2H3+O2=>O+vinoxy-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	3.58E-05	2	7.1601E-05	1.06265702
[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-- >[CH3]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	3.231E-05	4	0.00012925	1.06278627
[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-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.485E-05	4	0.00013939	1.06292566

[OH]C3H8+OH=>npropyl+H2O-- >[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]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]	3.574E-05	6	0.00021444	1.0631401
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	3.416E-05	2	6.8318E-05	1.06320842
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	3.129E-05	1	3.1287E-05	1.06323971
[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+O=>HCO+OH-->[HCO]HCO+O2=>CO+HO2-- >[CO]	3.458E-05	3	0.00010374	1.06334344
[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-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	1.779E-05	2	3.5577E-05	1.06337902

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	3.544E-05	1	3.544E-05	1.06341446
[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-- >[C2H5]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	3.084E-05	4	0.00012336	1.06353781
[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]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.492E-05	3	0.00010477	1.06364258
[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+CH3=>HCO+CH4-->[HCO]HCO+O2=>CO+HO2-- ->[CO]	3.758E-05	2	7.5168E-05	1.06371775
[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=>C2H3+CH2O-- >[C2H3]C2H3+O2=>O+vinoxy-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	3.162E-05	2	6.3246E-05	1.063781

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.447E-05	1	3.4474E-05	1.06381547
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	3.75E-05	1	3.75E-05	1.06385297
[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]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	3.515E-05	4	0.00014061	1.06399358
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	3.507E-05	1	3.5069E-05	1.06402864
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+CH3OO=>allyloxy+CH3O-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	3.523E-05	1	3.5225E-05	1.06406387

[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.341E-05	3	0.00010024	1.06416411
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	1.73E-05	2	3.4606E-05	1.06419871
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+H=>HCO+H2-->[HCO]HCO+O2=>CO+HO2-- >[CO]	3.263E-05	1	3.2635E-05	1.06423135
[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]	9.832E-06	2	1.9663E-05	1.06425101
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.592E-05	1	3.5925E-05	1.06428694
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	1.474E-05	2	2.9487E-05	1.06431642

[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.659E-05	2	7.317E-05	1.06438959
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]ipropyloo+CH2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	1.601E-05	2	3.2029E-05	1.06442162
[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=>C2H3+CH2O-->[CH2O]	3.542E-05	1	3.5417E-05	1.06445704
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyloo+HO2=>npropylooh+O2-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.663E-05	1	3.6633E-05	1.06449367
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	3.361E-05	2	6.7222E-05	1.06456089

[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.052E-05	3	9.1547E-05	1.06465244
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy+O2=>acrolein+HO2-->[acrolein]	3.041E-05	1	3.0409E-05	1.06468285
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>O+vinoxy-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	3.218E-05	2	6.4357E-05	1.06474721
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+npropyl-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	3.175E-05	2	6.3496E-05	1.0648107
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.182E-05	2	6.3643E-05	1.06487435

[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-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	3.008E-05	2	6.015E-05	1.0649345
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	1.651E-05	2	3.3024E-05	1.06496752
[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.143E-05	3	9.4296E-05	1.06506182
[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]HO2+C3H6=>OH+propoxide-->[propoxide]	1.671E-05	2	3.3416E-05	1.06509523
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.018E-05	1	3.0181E-05	1.06512541

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	3.386E-05	2	6.7721E-05	1.06519314
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	3.27E-05	1	3.2699E-05	1.06522584
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	3.211E-05	1	3.2112E-05	1.06525795
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.53E-05	2	3.0598E-05	1.06528854
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>npropyl-- >[npropyl]npropyloo+HO2=>npropylooh+O2-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	3.142E-05	1	3.1422E-05	1.06531997
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.491E-05	2	2.9822E-05	1.06534979

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>ethenol+CH3-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	3.392E-05	1	3.3921E-05	1.06538371
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.866E-05	1	2.8657E-05	1.06541237
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	3.388E-05	2	6.7764E-05	1.06548013
[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)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.778E-05	2	3.5552E-05	1.06551568
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH2O-- >[CH2O]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.877E-05	2	5.7545E-05	1.06557323
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	3.074E-05	1	3.0735E-05	1.06560396

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH2CHCO+npropylooh-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	3.222E-05	1	3.2224E-05	1.06563619
[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+M=>CH2OH+M-- >[CH2OH]CH2OH+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	3.266E-05	3	9.7979E-05	1.06573417
[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]	3.263E-05	1	3.263E-05	1.0657668
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	2.968E-05	1	2.9684E-05	1.06579648
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo+ipropyloo=>O2+ipropyloxy+ipropyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	2.782E-05	1	2.7824E-05	1.06582431
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo+ipropyloo=>O2+ipropyloxy+ipropyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	3.091E-05	1	3.0911E-05	1.06585522

[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	2.963E-05	2	5.9264E-05	1.06591448
[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=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	2.892E-05	1	2.892E-05	1.0659434
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]QOOH_1=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	2.993E-05	1	2.9928E-05	1.06597333
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.997E-05	2	5.9946E-05	1.06603327
[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]C3H8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-- >[formyloxy]formyloxy+M=>H+CO2+M-->[CO2]	3.054E-05	4	0.00012217	1.06615545
[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=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.915E-05	1	2.9153E-05	1.0661846

[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.545E-05	4	6.1788E-05	1.06624639
[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.056E-05	3	9.1669E-05	1.06633806
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	2.84E-05	2	5.6792E-05	1.06639485
[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-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.998E-05	5	0.00014988	1.06654473
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+H=>C3H6+OH-->[C3H6]	3.087E-05	2	6.1747E-05	1.06660648

[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)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.958E-05	1	2.9578E-05	1.06663605
[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+M=>H+CO+M-->[CO]	2.942E-05	2	5.8831E-05	1.06669489
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.539E-05	3	4.616E-05	1.06674105
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[C2H4]	2.889E-05	1	2.8895E-05	1.06676994
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	2.81E-05	1	2.8097E-05	1.06679804
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>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]	3.084E-05	2	6.1676E-05	1.06685971

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH2O-- >[CH2O]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.426E-05	2	6.8514E-05	1.06692823
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	2.995E-05	1	2.9954E-05	1.06695818
[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+M=>CH3O+M-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.917E-05	2	5.8341E-05	1.06701652
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	2.902E-05	1	2.9016E-05	1.06704554
[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]C3H6+OH=>allyl+H2O-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	1.55E-05	2	3.1001E-05	1.06707654
[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]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.468E-05	2	2.9355E-05	1.0671059

[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+CH3OO=>O2+CH3O+CH3O-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	2.774E-05	3	8.3233E-05	1.06718913
[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+M=>CH3O+M-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.923E-05	2	5.8464E-05	1.06724759
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	2.792E-05	1	2.792E-05	1.06727551
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	2.828E-05	2	5.6567E-05	1.06733208
[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]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	3.114E-05	2	6.2283E-05	1.06739436

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H2O-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.572E-05	2	3.1432E-05	1.06742579
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropylooh+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	2.973E-05	2	5.9469E-05	1.06748526
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh=>HO2+C3H6-- >[C3H6]C3H6+H=>C2H4+CH3-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	2.855E-05	1	2.8553E-05	1.06751382
[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+M=>CH2O+H+M-- >[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.754E-05	3	8.2623E-05	1.06759644
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.389E-05	2	2.7776E-05	1.06762421
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-->[CH2O]	2.835E-05	1	2.8354E-05	1.06765257

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	2.746E-05	1	2.7457E-05	1.06768003
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.579E-05	2	5.159E-05	1.06773162
[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-- >[CH3]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.053E-05	4	0.00012211	1.06785372
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+OH=>CH2CHCO+H2O-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	2.972E-05	1	2.9718E-05	1.06788344
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.675E-05	1	2.6754E-05	1.06791019
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	3.036E-05	1	3.0365E-05	1.06794056

[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.905E-05	3	8.7146E-05	1.0680277
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+H=>allyl+H2-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	2.641E-05	1	2.6406E-05	1.06805411
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.628E-05	1	2.628E-05	1.06808039
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[C2H3]C2H3+O2=>O+vinoxy-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	2.846E-05	2	5.6927E-05	1.06813732
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>HO2+C3H6-- >[C3H6]HO2+C3H6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	2.724E-05	1	2.7243E-05	1.06816456
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-- >[C2H4]C2H4+OH=>CH2CH2OH-- >[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.404E-05	2	2.8072E-05	1.06819263

[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)-- >[CH3]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	1.619E-05	2	3.2382E-05	1.06822501
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+HO2=>OCH2OOH-- >[OCH2OOH]OCH2OOH=>CH2O+HO2-->[CH2O]	1.57E-05	1	1.5701E-05	1.06824071
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.376E-05	2	2.753E-05	1.06826824
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	2.694E-05	1	2.6942E-05	1.06829519
[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+M=>CH3O+M-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	3.07E-05	3	9.2106E-05	1.06838729

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	2.663E-05	1	2.6627E-05	1.06841392
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH2CHCO+ipropylooh-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	2.726E-05	1	2.7264E-05	1.06844118
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>propen2yl+H2O-- >[propen2yl]propen2yl+O2=>acetyl+CH2O-- >[acetyl]H2O2+acetylperoxy=>HO2+CH3CO3H-- >[CH3CO3H]CH3CO3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH3+CO2+M-->[CO2]	2.846E-05	1	2.846E-05	1.06846964
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]H+C3H6=>npropyl-- >[npropyl]npropyloo+HO2=>npropylooh+O2-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	2.78E-05	1	2.7803E-05	1.06849745
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	2.714E-05	1	2.7138E-05	1.06852458
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+H=>allyl+H2-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	2.995E-05	1	2.9946E-05	1.06855453
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	2.803E-05	1	2.8031E-05	1.06858256

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy+O2=>acrolein+HO2-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxyl+CO2-->[CO2]	2.727E-05	1	2.7274E-05	1.06860984
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropylool+C3H8=>npropyloolh+ipropyl-- >[npropyloolh]npropyloolh=>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=>vinoxyl+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.638E-05	3	7.9127E-05	1.06868896
[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]ipropylool+CH2O=>ipropyloolh+HCO-- >[ipropyloolh]ipropyloolh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+CH3OO=>O2+CH3O+CH3O-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	2.601E-05	3	7.8041E-05	1.068767
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	3.044E-05	1	3.0438E-05	1.06879744
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	2.598E-05	1	2.5975E-05	1.06882342
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylool+C3H8=>ipropyloolh+npropyl-- >[ipropyloolh]ipropyloolh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.863E-05	1	2.8634E-05	1.06885205

[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.744E-05	3	8.2323E-05	1.06893438
[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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.43E-05	4	9.7193E-05	1.06903157
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.971E-05	1	2.9706E-05	1.06906127
[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]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	2.886E-05	1	2.8862E-05	1.06909014
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+npropyl-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	2.825E-05	2	5.6507E-05	1.06914664

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	2.812E-05	1	2.8125E-05	1.06917477
[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-- >[CH3]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	2.675E-05	4	0.00010701	1.06928177
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]CH2O+acetylperoxy=>HCO+CH3CO3H-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.402E-05	1	1.4023E-05	1.0692958
[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+C3H8=>CH3OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	2.343E-05	3	7.0278E-05	1.06936608
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]ipropyloo+CH2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	2.74E-05	2	5.479E-05	1.06942087

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.724E-05	1	2.7239E-05	1.06944811
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]HO2+C3H6=>ipropyloo-- >[ipropyloo]ipropyloo+HO2=>ipropylooh+O2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	2.951E-05	1	2.9515E-05	1.06947762
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.328E-05	1	1.3283E-05	1.0694909
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-- >[C2H4]C2H4+OH=>CH2CH2OH-- >[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.407E-05	2	4.8138E-05	1.06953904
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo+HO2=>ipropylooh+O2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.753E-05	2	5.5057E-05	1.0695941

[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-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	2.559E-05	3	7.6767E-05	1.06967087
[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]C3H8+formylperoxy=>npropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-- >[formyloxy]formyloxy+M=>H+CO2+M-->[CO2]	2.466E-05	3	7.3974E-05	1.06974484
[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=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	2.374E-05	1	2.3744E-05	1.06976858
[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.701E-05	2	5.4026E-05	1.06982261
[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)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.732E-05	1	2.732E-05	1.06984993

[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]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	2.588E-05	3	7.7636E-05	1.06992757
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-- >[C2H3]C2H3+O2=>O+vinoxy-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	2.324E-05	2	4.648E-05	1.06997405
[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=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.257E-05	1	2.2567E-05	1.06999661
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	2.499E-05	1	2.4994E-05	1.07002161
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>O+vinoxy-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	2.557E-05	2	5.1133E-05	1.07007274
[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]CO+OH=>CO2+H-->[CO2]	2.6E-05	2	5.1998E-05	1.07012474

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	1.203E-05	1	1.2028E-05	1.07013677
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[C2H4]	2.64E-05	1	2.6397E-05	1.07016316
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.509E-05	2	5.0176E-05	1.07021334
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	2.381E-05	1	2.3808E-05	1.07023715
[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.063E-05	4	8.2509E-05	1.07031966
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.634E-05	1	2.6336E-05	1.07034599

[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]	1.213E-05	3	3.6402E-05	1.0703824
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+HO2=>OCH2OOH-- >[OCH2OOH]OCH2OOH=>CH2O+HO2-->[CH2O]	2.756E-05	1	2.7556E-05	1.07040995
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-->[CH2O]	2.514E-05	1	2.5138E-05	1.07043509
[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+M=>H+CO+M-- >[CO]	2.728E-05	3	8.1839E-05	1.07051693
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[C2H4]	2.957E-05	1	2.9572E-05	1.0705465
[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)-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	1.242E-05	1	1.2419E-05	1.07055892
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl-- ->[ipropyl]O2+ipropyl=>OH+propoxide-->[propoxide]	2.601E-05	1	2.601E-05	1.07058493

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	2.689E-05	1	2.6887E-05	1.07061182
[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+O2=>acetaldehyde+HO2-->[acetaldehyde]	2.623E-05	3	7.8704E-05	1.07069052
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	2.691E-05	1	2.6908E-05	1.07071743
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>O+vinoxy-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	2.57E-05	2	5.1394E-05	1.07076882
[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]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.693E-05	3	8.0794E-05	1.07084962
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+CH3OO=>allyl+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.371E-05	1	2.3709E-05	1.07087332

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.424E-05	2	4.847E-05	1.07092179
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.491E-05	1	2.4911E-05	1.07094671
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>propen1yl+H2O-- >[propen1yl]propen1yl+O2=>acetaldehyde+HCO-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	2.399E-05	1	2.3995E-05	1.0709707
[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]CH2O+OH=>HCO+H2O-- >[HCO]HCO+O2=>formylperoxy-- >[formylperoxy]C3H8+formylperoxy=>ipropyl+formylooh-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	2.577E-05	2	5.1541E-05	1.07102224
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.42E-05	1	2.4197E-05	1.07104644

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.457E-05	1	2.4571E-05	1.07107101
[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)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.118E-05	1	2.1181E-05	1.07109219
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	2.445E-05	1	2.4454E-05	1.07111664
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]H+C3H6=>npropyl-->[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxyl+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.759E-05	2	5.5178E-05	1.07117182
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+H=>acetyl+H2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	1.36E-05	1	1.3597E-05	1.07118542
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxyl+CO2-- >[vinoxyl]vinoxyl+O2=>CH2O+CO+OH-->[CO]	2.61E-05	2	5.2198E-05	1.07123762

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+H=>C2H4+CH3-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	2.271E-05	1	2.2707E-05	1.07126032
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo+HO2=>ipropylooh+O2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.545E-05	2	5.089E-05	1.07131121
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.421E-05	1	2.4214E-05	1.07133543
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+ipropyloo=>allyl+ipropylooh-- >[allyl]allyl+HO2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	2.58E-05	1	2.5798E-05	1.07136123
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+H=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	2.257E-05	1	2.2572E-05	1.0713838
[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]CH2O+HO2=>OCH2OOH-- >[OCH2OOH]OCH2OOH=>CH2O+HO2-- >[CH2O]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.351E-05	2	4.7019E-05	1.07143082

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	1.312E-05	2	2.6247E-05	1.07145706
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-- >[C2H4]C2H4+OH=>CH2CH2OH-- >[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.403E-05	2	2.8069E-05	1.07148513
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.365E-05	1	2.3651E-05	1.07150878
[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.001E-05	2	4.0025E-05	1.07154881
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-- >[C2H4]C2H4+OH=>CH2CH2OH-- >[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.392E-05	2	4.785E-05	1.07159666

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+H=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.259E-05	1	2.2588E-05	1.07161925
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[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]	1.233E-05	1	1.233E-05	1.07163158
[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]ipropyloo+CH2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+CH3OO=>O2+CH3O+CH3O-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.26E-05	3	6.7792E-05	1.07169937
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	2.516E-05	2	5.0314E-05	1.07174968
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	2.155E-05	2	4.311E-05	1.07179279
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	2.449E-05	1	2.4491E-05	1.07181728

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+npropyl-- >[npropyl]npropyloo=>HO2+C3H6-->[C3H6]	1.981E-05	1	1.9814E-05	1.0718371
[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]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]ipropylloo+CH2O=>ipropyllooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.504E-05	3	7.5111E-05	1.07191221
[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]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-- >[HCO]HCO+O2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.29E-05	3	6.8691E-05	1.0719809
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>C2H3+CH2O-->[CH2O]	2.496E-05	1	2.4961E-05	1.07200586
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.57E-05	1	2.57E-05	1.07203156
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.273E-05	1	2.2729E-05	1.07205429

[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]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.315E-05	3	6.9457E-05	1.07212375
[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]	2.393E-05	1	2.3932E-05	1.07214768
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	2.33E-05	1	2.3299E-05	1.07217098
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+CH3CH2OO=>allyl+CH3CH2OOH-- >[allyl]allyl+HO2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	2.269E-05	1	2.2687E-05	1.07219366
[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]acetaldehyde+OH=>vinoxy+H2O-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	2.193E-05	4	8.7733E-05	1.0722814
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+CH3OO=>allyl+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.226E-05	1	2.226E-05	1.07230366

[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]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	2.338E-05	1	2.3378E-05	1.07232703
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	2.041E-05	2	4.0822E-05	1.07236786
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-- >[C2H3]C2H3+O2=>O+vinoxy-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	2.216E-05	2	4.432E-05	1.07241218
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	2.139E-05	2	4.277E-05	1.07245495
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>C2H4+HCO-->[C2H4]	2.222E-05	1	2.2219E-05	1.07247717
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+H=>C2H4+HCO-->[C2H4]	2.245E-05	1	2.2454E-05	1.07249962
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+H=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.267E-05	1	2.2673E-05	1.07252229

[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]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	2.305E-05	5	0.00011526	1.07263755
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.196E-05	1	2.1956E-05	1.07265951
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]	2.262E-05	1	2.262E-05	1.07268213
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	2.308E-05	1	2.3084E-05	1.07270521
[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]CH2O+OH=>HCO+H2O-- >[HCO]HCO+O2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.082E-05	2	2.1648E-05	1.07272686

[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]CH2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-- >[formyloxy]formyloxy+M=>H+CO2+M-->[CO2]	2.424E-05	3	7.2707E-05	1.07279957
[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=>acetone+H-->[acetone]	2.339E-05	4	9.3574E-05	1.07289314
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	1.213E-05	3	3.6392E-05	1.07292953
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	2.184E-05	2	4.3686E-05	1.07297322
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	2.072E-05	1	2.0722E-05	1.07299394

[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.215E-05	1	2.2147E-05	1.07301609
[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]C2H4+OH=>CH2CH2OH-- >[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-->[CH2O]	2.19E-05	2	4.3798E-05	1.07305989
[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]npropylooh+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	2.083E-05	4	8.3331E-05	1.07314322
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>propen2yl+H2O-- >[propen2yl]propen2yl+O2=>acetyl+CH2O-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	2.204E-05	1	2.2042E-05	1.07316526
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H2O-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	2.258E-05	2	4.5154E-05	1.07321041

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+CH3CH2OO=>allyl+CH3CH2OOH-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.313E-05	1	2.3133E-05	1.07323354
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[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]	2.085E-05	3	6.2565E-05	1.07329611
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+npropyl-- >[npropyl]npropyloo=>HO2+C3H6-->[C3H6]	1.157E-05	1	1.1572E-05	1.07330768
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	2.131E-05	2	4.2612E-05	1.07335029
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+H=>allyl+H2-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]	2.335E-05	1	2.3355E-05	1.07337365
[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.117E-05	4	8.4661E-05	1.07345831

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]well_2=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	2.007E-05	1	2.0073E-05	1.07347838
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>C2H3+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.243E-05	1	2.2432E-05	1.07350081
[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]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	2.185E-05	1	2.1854E-05	1.07352267
[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>acetaldehyde+H-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	2.219E-05	3	6.6572E-05	1.07358924
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxyl+CO2-->[CO2]	2.099E-05	1	2.0988E-05	1.07361023
[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]npropyloo+CH2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]ipropyloo+CH3CH2OO=>ipropyloxy+ethoxy+O2-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	2.24E-05	3	6.7194E-05	1.07367742

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.237E-05	1	2.2373E-05	1.07369979
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.161E-05	3	3.4817E-05	1.07373461
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	2.406E-05	1	2.4055E-05	1.07375867
[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+M=>CH2O+H+M-- >[CH2O]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.131E-05	3	6.3944E-05	1.07382261
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]H+C3H6=>npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	2.176E-05	1	2.1761E-05	1.07384437
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>ipropyl-->[ipropyl]ipropyloo=>HO2+C3H6- ->[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	2.031E-05	1	2.0313E-05	1.07386468
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	1.945E-05	1	1.9446E-05	1.07388413

[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-- >[CH3]CH3OO+CH3OO=>O2+CH3O+CH3O-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.136E-05	3	6.4085E-05	1.07394822
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	1.864E-05	1	1.8639E-05	1.07396685
[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]C3H8+CH3O=>ipropyl+CH3OH-->[CH3OH]	1.744E-05	3	5.231E-05	1.07401916
[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]H+C3H6=>ipropyl- ->[ipropyl]O2+ipropyl=>HO2+C3H6-->[C3H6]	1.02E-05	1	1.0199E-05	1.07402936
[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]CH3O+CO=>CH3+CO2-->[CO2]	2.02E-05	2	4.0399E-05	1.07406976

[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=>C2H3+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.849E-05	1	1.8491E-05	1.07408825
[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+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>OCH2OOH-- >[OCH2OOH]OCH2OOH=>CH2O+HO2-->[CH2O]	1.959E-05	3	5.8781E-05	1.07414704
[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]	2.08E-05	3	6.2392E-05	1.07420943
[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]CO+OH=>CO2+H-->[CO2]	2.297E-05	2	4.5936E-05	1.07425536
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide]	2.152E-05	1	2.1519E-05	1.07427688

[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.351E-05	3	7.0523E-05	1.07434741
[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]vinoxylmethyl=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.196E-05	1	2.1957E-05	1.07436936
[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+CH3OO=>O2+CH3O+CH3O-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.955E-05	3	5.8648E-05	1.07442801
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.197E-05	1	2.1966E-05	1.07444998
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	2.051E-05	1	2.0508E-05	1.07447048

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.833E-05	1	1.8334E-05	1.07448882
[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]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.302E-05	3	6.9061E-05	1.07455788
[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.946E-05	3	5.8365E-05	1.07461625
[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]CH2O+formylperoxy=>HCO+formylooh-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.288E-05	2	4.5766E-05	1.07466201
[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-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	2.213E-05	6	0.00013278	1.07479479

[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+CH3=>HCO+CH4-->[CH4]	1.968E-05	3	5.9037E-05	1.07485383
[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]CH2O+OH=>HCO+H2O-- >[HCO]HCO+O2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.2E-05	3	6.6001E-05	1.07491983
[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.997E-05	4	7.9874E-05	1.0749997
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[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]	2.019E-05	2	4.0376E-05	1.07504008
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	2.118E-05	1	2.1185E-05	1.07506126
[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+O2=>acrolein+HO2-->[acrolein]	1.841E-05	1	1.841E-05	1.07507967

[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]CH2O+OH=>HCO+H2O-- >[HCO]HCO+HO2=>CO2+OH+H-->[CO2]	1.93E-05	3	5.7891E-05	1.07513756
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.203E-05	1	2.203E-05	1.07515959
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropylooh+HO2=>ipropylooh+O2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.967E-05	2	3.9344E-05	1.07519894
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	1.818E-05	1	1.8184E-05	1.07521712
[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+O2=>CH2O+HO2-- >[CH2O]ipropylooh+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.215E-05	3	6.6447E-05	1.07528357

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	2.094E-05	1	2.0944E-05	1.07530451
[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+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-- >[HCO]HCO+O2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.201E-05	3	6.603E-05	1.07537054
[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=>C2H3+CH2O-- >[C2H3]C2H3+O2=>O+vinoxy-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	1.997E-05	2	3.9948E-05	1.07541049
[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-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	1.968E-05	4	7.8712E-05	1.0754892
[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=>C2H3+CH2O-- >[C2H3]C2H3+O2=>O+vinoxy-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	1.914E-05	2	3.8288E-05	1.07552749

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.012E-05	1	2.0121E-05	1.07554761
[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.978E-05	4	7.9118E-05	1.07562673
[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+H=>HCO+H2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.907E-05	3	5.7218E-05	1.07568395
[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.953E-05	3	5.8583E-05	1.07574253
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo+CH2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	2.017E-05	2	4.0339E-05	1.07578287

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	2.011E-05	2	4.0229E-05	1.0758231
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>acetyl+H2O-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	9.506E-06	1	9.5063E-06	1.07583261
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	1.933E-05	1	1.9326E-05	1.07585193
[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+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.955E-05	4	7.8207E-05	1.07593014
[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]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod_2- ->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	9.661E-06	2	1.9321E-05	1.07594946

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-->[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	1.051E-05	2	2.1014E-05	1.07597047
[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+CH3=>HCO+CH4-->[HCO]HCO+O2=>CO+HO2-->[CO]	1.882E-05	3	5.6447E-05	1.07602692
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-->[CO]	1.019E-05	1	1.0193E-05	1.07603711
[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]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	2.113E-05	4	8.4522E-05	1.07612164

[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-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	1.947E-05	6	0.00011685	1.07623848
[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]CH2O+H=>HCO+H2-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.743E-05	3	5.2299E-05	1.07629078
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>propen1yl+H2O-- >[propen1yl]propen1yl+HO2=>C2H4+HCO+OH-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.951E-05	1	1.951E-05	1.07631029
[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-- >[CH3]CH3OO+CH3OO=>O2+CH3O+CH3O-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.075E-05	3	6.2249E-05	1.07637254

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.321E-05	1	2.3208E-05	1.07639575
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-->[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	9.486E-06	2	1.8973E-05	1.07641472
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>propen2yl+H2O-- >[propen2yl]propen2yl+O2=>acetyl+CH2O-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.952E-05	1	1.9522E-05	1.07643424
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl-- ->[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	1.982E-05	1	1.9816E-05	1.07645406
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+CH3OO=>allyl+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.697E-05	1	1.6969E-05	1.07647103

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	1.993E-05	2	3.9864E-05	1.07651089
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>C2H3+CH2O-->[CH2O]	1.773E-05	1	1.7732E-05	1.07652862
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[C2H4]	1.889E-05	1	1.8887E-05	1.07654751
[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+M=>CH2OH+M-- >[CH2OH]CH2OH+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.953E-05	3	5.8575E-05	1.07660609
[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]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.837E-05	4	7.3466E-05	1.07667955
[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]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	2.056E-05	2	4.1124E-05	1.07672068

[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]npropyl+CH2O=>npropyl+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]CO+OH=>CO2+H-->[CO2]	2.03E-05	2	4.0594E-05	1.07676127
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-->[allyl]allyl+HO2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.954E-05	1	1.9538E-05	1.07678081
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyl=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]O2+npropyl=>OH+propoxide-->[propoxide]	1.798E-05	1	1.7982E-05	1.07679879
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyl=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyl+HO2=>ipropyl+O2-- >[ipropyl]ipropyl=>ipropyl+OH-- >[ipropyl]ipropyl=>CH3+acetaldehyde-- >[CH3]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.932E-05	1	1.9323E-05	1.07681811
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyl+C3H8=>ipropyl+HCO-- >[ipropyl]ipropyl=>ipropyl+OH-- >[ipropyl]ipropyl=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetylperoxy+HO2=>CH3CO3H+O2-- >[CH3CO3H]CH3CO3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH3+CO2+M-->[CO2]	2.041E-05	2	4.0819E-05	1.07685893
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyl=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	2.042E-05	1	2.0419E-05	1.07687935

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>C2H3+CH2O-->[CH2O]	1.988E-05	1	1.9884E-05	1.07689923
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	2.011E-05	3	6.0341E-05	1.07695958
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxyl+CO2-->[CO2]	1.726E-05	1	1.7259E-05	1.07697683
[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]CH2O+HO2=>OCH2OOH-- >[OCH2OOH]OCH2OOH=>HOCH2OO-- >[HOCH2OO]HOCH2OO=>OCH2OOH-- >[OCH2OOH]OCH2OOH=>CH2O+HO2-->[CH2O]	1.72E-05	2	3.4391E-05	1.07701123
[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=>vinoxyl+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.818E-05	3	5.4527E-05	1.07706575

[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=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.808E-05	1	1.8079E-05	1.07708383
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.915E-05	1	1.9149E-05	1.07710298
[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]	1.918E-05	4	7.6734E-05	1.07717971
[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	8.805E-06	2	1.7611E-05	1.07719733
[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-- >[CH3]CH3OO+CH3OO=>O2+CH3O+CH3O-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.768E-05	4	7.0706E-05	1.07726803

[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	2.099E-05	3	6.298E-05	1.07733101
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.644E-05	1	1.6436E-05	1.07734745
[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]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]CO+OH=>CO2+H-->[CO2]	1.899E-05	2	3.7983E-05	1.07738543
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	9.606E-06	3	2.8819E-05	1.07741425

[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-- >[CH3]CH3OO+CH3OO=>O2+CH3O+CH3O-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	1.761E-05	4	7.0442E-05	1.07748469
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	1.954E-05	1	1.9543E-05	1.07750423
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.74E-05	1	1.7399E-05	1.07752163
[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+O=>HCO+OH-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.775E-05	4	7.1014E-05	1.07759265
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]H+C3H6=>ipropyl-->[ipropyl]ipropyloo=>HO2+C3H6-- ->[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	1.809E-05	1	1.8095E-05	1.07761074
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.629E-05	1	1.6294E-05	1.07762703

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol]	1.755E-05	1	1.7548E-05	1.07764458
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.854E-05	1	1.8544E-05	1.07766313
[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)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.852E-05	1	1.8516E-05	1.07768164
[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]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxyl+CO2-->[CO2]	1.789E-05	1	1.7888E-05	1.07769953
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[acetyl]acetylperoxy+HO2=>CH3CO3H+O2-- >[CH3CO3H]CH3CO3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH3+CO2+M-->[CO2]	8.782E-06	2	1.7565E-05	1.0777171
[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=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	2.004E-05	1	2.0039E-05	1.07773714

[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	1.631E-05	1	1.631E-05	1.07775345
[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+HO2=>OCH2OOH-- >[OCH2OOH]OCH2OOH=>CH2O+HO2-->[CH2O]	1.9E-05	3	5.7E-05	1.07781045
[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]CO+HO2=>CO2+OH-- >[CO2]	1.933E-05	4	7.7336E-05	1.07788778
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>propen2yl+H2O-- >[propen2yl]propen2yl+O2=>acetyl+CH2O-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	1.813E-05	1	1.8129E-05	1.07790591
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyloo+HO2=>npropylooh+O2-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.711E-05	1	1.7106E-05	1.07792302

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy+O2=>acrolein+HO2-->[acrolein]	1.752E-05	1	1.7515E-05	1.07794053
[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]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.863E-05	4	7.4513E-05	1.07801504
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.795E-05	1	1.7955E-05	1.078033
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	1.731E-05	1	1.7306E-05	1.07805031
[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]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.996E-05	3	5.9887E-05	1.07811019

[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]CH3OO+acetaldehyde=>CH3OOH+acetyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	1.679E-05	4	6.715E-05	1.07817734
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH2CHCO+npropylooh-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	1.578E-05	2	3.1558E-05	1.0782089
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	1.883E-05	2	3.7668E-05	1.07824657
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]H+C3H6=>npropyl-->[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]	1.738E-05	2	3.4766E-05	1.07828133
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.765E-05	1	1.7649E-05	1.07829898

[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	8.493E-06	2	1.6986E-05	1.07831597
[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]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.754E-05	4	7.0142E-05	1.07838611
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[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]	1.747E-05	1	1.7471E-05	1.07840358
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3O=>CH2CHCO+CH3OH-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[CO2]	1.713E-05	1	1.7133E-05	1.07842072
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	1.737E-05	1	1.7372E-05	1.07843809

[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]npropyloo+CH2O=>npropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.732E-05	4	6.9284E-05	1.07850737
[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]vinoxylmethyl=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	1.628E-05	1	1.6285E-05	1.07852366
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	1.723E-05	2	3.4468E-05	1.07855812
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+CH3CH2OO=>allyl+CH3CH2OOH-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.958E-05	2	3.917E-05	1.07859729
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.591E-05	1	1.5912E-05	1.07861321

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>npropyl-->[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]	1.953E-05	2	3.9065E-05	1.07865227
[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]acrolein+CH3O=>CH2CHCO+CH3OH-->[CH3OH]	1.925E-05	1	1.9254E-05	1.07867152
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+HO2=>CH2O+C2H3+H2O2-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	1.812E-05	1	1.8121E-05	1.07868965
[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+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	1.638E-05	4	6.552E-05	1.07875517
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.664E-05	1	1.6637E-05	1.0787718
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+CH3OO=>allyl+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.611E-05	1	1.6106E-05	1.07878791

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-- >[C2H3]C2H3+O2=>HCO+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.694E-05	1	1.6936E-05	1.07880485
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	1.867E-05	1	1.8674E-05	1.07882352
[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]vinoxylmethyl=>C2H3+CH2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	1.707E-05	1	1.7065E-05	1.07884058
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-- >[HCO]HCO+O2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.747E-05	1	1.7475E-05	1.07885806
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy+O2=>acrolein+HO2-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	1.762E-05	1	1.7619E-05	1.07887568
[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-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	4.252E-06	2	8.5037E-06	1.07888418

[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]ipropyl+CH2O=>ipropyl+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.446E-05	3	4.3369E-05	1.07892755
[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]npropyl+CH2O=>npropyl+HCO-- >[npropyl]npropyl=>npropyl+OH-- >[npropyl]npropyl=>C2H5+CH2O-- >[CH2O]CH2O+H=>HCO+H2-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.646E-05	3	4.9375E-05	1.07897693
[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+C2H3+H2O2=>propen1ol+HO2-- >[propen1ol]	1.662E-05	2	3.324E-05	1.07901017
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyl+C3H8=>ipropyl+npropyl-- >[npropyl]npropyl+C3H8=>npropyl+npropyl-- >[npropyl]npropyl=>npropyl+OH-- >[npropyl]npropyl=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	8.155E-06	1	8.1547E-06	1.07901832
[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=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.906E-05	3	5.7177E-05	1.0790755
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>npropyl-- >[npropyl]npropyl+HO2=>npropyl+O2-- >[npropyl]npropyl=>npropyl+OH-- >[npropyl]npropyl=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]	1.64E-05	1	1.6405E-05	1.0790919

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H2O-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	9.002E-06	2	1.8005E-05	1.07910991
[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+H=>HCO+H2-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.675E-05	2	3.3505E-05	1.07914341
[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]ipropyloo+CH2O=>ipropylooh+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.518E-05	2	3.0365E-05	1.07917378
[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+M=>CH3O+M-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.721E-05	2	3.4426E-05	1.0792082
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	1.993E-05	1	1.9934E-05	1.07922814

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+CH3OO=>allyloxy+CH3O-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	1.566E-05	1	1.5661E-05	1.0792438
[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+M=>CH3O+M-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.449E-05	3	4.3478E-05	1.07928728
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+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]	7.884E-06	2	1.5768E-05	1.07930305
[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]C2H5+CO=>propionyl-- >[propionyl]propionyl=>C2H5+CO-->[CO]	1.64E-05	3	4.9201E-05	1.07935225
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.605E-05	2	3.2103E-05	1.07938435

[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=>vinoxyl+CH2O-- >[CH2O]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.737E-05	3	5.2098E-05	1.07943645
[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.485E-05	2	2.969E-05	1.07946614
[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]CH2O+H+M=>CH3O+M-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.648E-05	2	3.2957E-05	1.07949909
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>propen1yl+H2O-- >[propen1yl]propen1yl+HO2=>C2H4+HCO+OH-->[C2H4]	1.932E-05	1	1.9319E-05	1.07951841
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.646E-05	1	1.6458E-05	1.07953487

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-->[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CO]	1.871E-05	1	1.8709E-05	1.07955358
[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)-- >[CH3]CH3OO+C3H8=>CH3OOH+ipropyl-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	9.432E-06	2	1.8863E-05	1.07957244
[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-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-->[CO]	1.456E-05	3	4.3672E-05	1.07961612
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>propen1ol+OH-- >[propen1ol]propen1ol+OH=>CH2O+C2H3+H2O-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	1.682E-05	1	1.6819E-05	1.07963294
[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]HO2+C3H6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	7.395E-06	2	1.479E-05	1.07964773

[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=>C2H3+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.583E-05	1	1.5828E-05	1.07966355
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	1.804E-05	1	1.8036E-05	1.07968159
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+CH3OO=>allyloxy+CH3O-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.477E-05	1	1.4771E-05	1.07969636
[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	1.45E-05	3	4.3497E-05	1.07973986
[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]C3H8+CH3O=>npropyl+CH3OH-->[CH3OH]	7.865E-06	2	1.573E-05	1.07975559
[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]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]	1.462E-05	1	1.4618E-05	1.07977021

[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]CH3OO+CH2O=>CH3OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.529E-05	2	3.0588E-05	1.07980079
[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-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.663E-05	5	8.3161E-05	1.07988395
[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-- >[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.753E-05	5	8.7672E-05	1.07997163
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+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]	1.41E-05	2	2.8206E-05	1.07999983

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[CH2O]	1.566E-05	1	1.566E-05	1.08001549
[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]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	1.57E-05	2	3.1405E-05	1.0800469
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[CH2O]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	7.738E-06	2	1.5477E-05	1.08006237
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>C2H4+HCO-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.664E-05	1	1.6636E-05	1.08007901
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+CH3CH2OO=>allyl+CH3CH2OOH-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.455E-05	1	1.4547E-05	1.08009356

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>ipropyl- ->[ipropyl]ipropyloo+CH2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	1.629E-05	2	3.2572E-05	1.08012613
[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=>C2H3+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.528E-05	1	1.5277E-05	1.08014141
[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+M=>CH2O+H+M-- >[CH2O]CH2O+H=>HCO+H2-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.809E-05	3	5.4275E-05	1.08019568
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.949E-05	2	3.8981E-05	1.08023466
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-->[acrolein]	1.474E-05	1	1.4736E-05	1.0802494

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.786E-05	1	1.7862E-05	1.08026726
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.438E-05	2	2.8757E-05	1.08029602
[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+O2=>acrolein+HO2-->[acrolein]	1.634E-05	1	1.6338E-05	1.08031235
[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=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.64E-05	1	1.64E-05	1.08032875
[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-- >[C2H5]npropyloo+CH3CH2OO=>npropyloxy+ethoxy+O2-- >[ethoxy]ethoxy=>CH3+CH2O-->[CH2O]	1.583E-05	3	4.7499E-05	1.08037625

[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-- >[C2H3]C2H3+O2=>HCO+CH2O-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.478E-05	1	1.4779E-05	1.08039103
[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+M=>CH3O+M-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.451E-05	3	4.3538E-05	1.08043457
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+O=>ketene+CH3+H-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.707E-05	1	1.7071E-05	1.08045164
[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.707E-05	4	6.8268E-05	1.08051991
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>C2H4+HO2-- >[C2H4]C2H4+OH=>CH2CH2OH-- >[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	7.736E-06	2	1.5472E-05	1.08053538

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	1.79E-05	1	1.79E-05	1.08055328
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+ipropylooh=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	1.602E-05	1	1.6016E-05	1.0805693
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]ipropylooh+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.541E-05	1	1.541E-05	1.08058471
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropylooh+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+ipropyl-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	8.476E-06	3	2.5428E-05	1.08061013
[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]CH2O+acetylperoxy=>HCO+CH3CO3H-- >[CH3CO3H]CH3CO3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH3+CO2+M-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.405E-05	4	5.6189E-05	1.08066632

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-- >[CO]	1.543E-05	3	4.6303E-05	1.08071263
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>propen2yl+H2O-- >[propen2yl]propen2yl+O2=>acetyl+CH2O-- >[acetyl]acetyl(+M)=>CH3+CO(+M)-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+O2=>CH2O+HO2-->[CH2O]	1.611E-05	1	1.6108E-05	1.08072873
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH2CHCO+ipropylooh-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]	1.339E-05	2	2.6773E-05	1.08075551
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-- >[CH2O]CH2O+HO2=>HCO+H2O2-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.577E-05	1	1.5773E-05	1.08077128
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyl+HO2=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	1.614E-05	1	1.6145E-05	1.08078742

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	1.619E-05	2	3.2383E-05	1.08081981
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-- >[HCO]HCO+O2=>CO+HO2-->[CO]	1.557E-05	1	1.5575E-05	1.08083538
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[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]	1.444E-05	2	2.888E-05	1.08086426
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-- >[acetyl]H2O2+acetylperoxy=>HO2+CH3CO3H-- >[CH3CO3H]CH3CO3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH3+CO2+M-->[CO2]	1.699E-05	2	3.3984E-05	1.08089825
[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]CH3OO+CH2O=>CH3OOH+HCO-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.488E-05	4	5.9527E-05	1.08095777

[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-- >[C3H6]C3H6+OH=>allyl+H2O-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+HO2=>CH2CHCO+H2O2-- >[CH2CHCO]CH2CHCO=>C2H3+CO-->[CO]	1.577E-05	1	1.5769E-05	1.08097354
[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>HO2+C3H6-- >[C3H6]C3H6+HO2=>allyl+H2O2-- >[allyl]allyl+HO2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-- >[formylethyl]formylethyl=>C2H4+HCO-->[C2H4]	1.586E-05	1	1.5862E-05	1.08098941
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>ipropyl-- >[ipropyl]ipropyloo+CH2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[acetaldehyde]	1.535E-05	1	1.535E-05	1.08100476
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>HO2+C3H6-- >[C3H6]H+C3H6=>ipropyl-- >[ipropyl]ipropyloo+HO2=>ipropylooh+O2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+HO2=>CH3OOH+O2-- >[CH3OOH]CH3OOH=>CH3O+OH-- >[CH3O]CH3O+M=>CH2O+H+M-->[CH2O]	1.719E-05	2	3.4388E-05	1.08103914
[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>HO2+C3H6-->[C3H6]H+C3H6=>npropyl- ->[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-->[CH2O]	1.538E-05	1	1.5383E-05	1.08105453
[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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-- >[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>CH3+CH2O-- >[CH3]CH3OO+OH=>CH3OH+O2-->[CH3OH]	1.286E-05	3	3.8576E-05	1.0810931