

	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-->[CH2O]	3.78E-01	1	3.78E-01	3.78E-01
2	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-->[frag_1]	3.78E-01	1	3.78E-01	7.55E-01
3	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	3.78E-01	1	3.78E-01	1.13E+00
4	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]	2.07E-02	1	2.07E-02	1.15E+00
5	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropylooh+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]	1.80E-02	1	1.80E-02	1.17E+00
6	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]	1.21E-02	1	1.21E-02	1.18E+00
7	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropylooh+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]	1.05E-02	1	1.05E-02	1.19E+00
8	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	9.27E-03	1	9.27E-03	1.20E+00
9	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh+C3H8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	9.20E-03	1	9.20E-03	1.21E+00

10	$[OH]C_3H_8 + OH \Rightarrow i\text{propyl} + H_2O$ -- $>[i\text{propyl}]i\text{propyl} + C_3H_8 \Rightarrow i\text{propyl} + n\text{propyl}$ -- $>[n\text{propyl}]well\_1 \Rightarrow OH + prod\_1$ -- $>[prod\_1]prod\_1 \Rightarrow frag\_1 + OH$ -- $>[frag\_1]frag\_1 \Rightarrow vinoxy + CH_2O$ -- $>[vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$	9.20E-03	1	9.20E-03	1.22E+00
11	$[OH]C_3H_8 + OH \Rightarrow i\text{propyl} + H_2O$ -- $>[i\text{propyl}]i\text{propyl} + C_3H_8 \Rightarrow i\text{propyl} + n\text{propyl}$ -- $>[n\text{propyl}]well\_1 \Rightarrow OH + prod\_1$ -- $>[prod\_1]prod\_1 \Rightarrow frag\_1 + OH \rightarrow [frag\_1]$	9.20E-03	1	9.20E-03	1.23E+00
12	$[OH]C_3H_8 + OH \Rightarrow i\text{propyl} + H_2O$ -- $>[i\text{propyl}]i\text{propyl} + C_3H_8 \Rightarrow i\text{propyl} + i\text{propyl}$ -- $>[i\text{propyl}]i\text{propyl} \Rightarrow i\text{propyl} + OH$ -- $>[i\text{propyl}]i\text{propyl} \Rightarrow CH_3 + \text{acetaldehyde}$ -- $>[CH_3]CH_3O + C_3H_8 \Rightarrow CH_3OOH + i\text{propyl}$ -- $>[CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH \rightarrow [CH_3O]$	6.90E-03	1	6.90E-03	1.24E+00
13	$[OH]C_3H_8 + OH \Rightarrow n\text{propyl} + H_2O$ -- $>[n\text{propyl}]n\text{propyl} \Rightarrow OH + propoxide \rightarrow [propoxide]$	4.53E-03	1	4.53E-03	1.24E+00
14	$[OH]C_3H_8 + OH \Rightarrow i\text{propyl} + H_2O$ -- $>[i\text{propyl}]i\text{propyl} + C_3H_8 \Rightarrow i\text{propyl} + n\text{propyl}$ -- $>[i\text{propyl}]i\text{propyl} \Rightarrow i\text{propyl} + OH$ -- $>[i\text{propyl}]i\text{propyl} \Rightarrow CH_3 + \text{acetaldehyde}$ -- $>[CH_3]CH_3O + C_3H_8 \Rightarrow CH_3OOH + i\text{propyl}$ -- $>[CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH \rightarrow [CH_3O]$	4.02E-03	1	4.02E-03	1.25E+00
15	$[OH]C_3H_8 + OH \Rightarrow i\text{propyl} + H_2O$ -- $>[i\text{propyl}]i\text{propyl} + C_3H_8 \Rightarrow i\text{propyl} + i\text{propyl}$ -- $>[i\text{propyl}]i\text{propyl} \Rightarrow i\text{propyl} + OH$ -- $>[i\text{propyl}]i\text{propyl} \Rightarrow CH_3 + \text{acetaldehyde}$ -- $>[CH_3]CH_3O + C_3H_8 \Rightarrow CH_3OOH + n\text{propyl}$ -- $>[n\text{propyl}]well\_1 \Rightarrow OH + prod\_1 \rightarrow [prod\_1]$	3.90E-03	1	3.90E-03	1.25E+00
16	$[OH]C_3H_8 + OH \Rightarrow i\text{propyl} + H_2O$ -- $>[i\text{propyl}]i\text{propyl} + C_3H_8 \Rightarrow i\text{propyl} + i\text{propyl}$ -- $>[i\text{propyl}]i\text{propyl} \Rightarrow i\text{propyl} + OH$ -- $>[i\text{propyl}]i\text{propyl} \Rightarrow CH_3 + \text{acetaldehyde}$ -- $>[CH_3]CH_3O + C_3H_8 \Rightarrow CH_3OOH + n\text{propyl}$ -- $>[n\text{propyl}]well\_1 \Rightarrow OH + prod\_1$ -- $>[prod\_1]prod\_1 \Rightarrow frag\_1 + OH$ -- $>[frag\_1]frag\_1 \Rightarrow vinoxy + CH_2O$ -- $>[vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$	3.90E-03	1	3.90E-03	1.25E+00

17	<chem>[OH]C3H8+OH=&gt;iipropyl+H2O--</chem> <chem>&gt;[iipropyl]iipropyloo+C3H8=&gt;iipropylooh+iipropyl--</chem> <chem>&gt;[iipropylooh]iipropylooh=&gt;iipropyloxy+OH--</chem> <chem>&gt;[iipropyloxy]iipropyloxy=&gt;CH3+acetaldehyde--</chem> <chem>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+npropyl--</chem> <chem>&gt;[npropyl]well_1=&gt;OH+prod_1--</chem> <chem>&gt;[prod_1]prod_1=&gt;frag_1+OH--&gt;[frag_1]</chem>	3.90E-03	1	3.90E-03	1.26E+00
18	<chem>[OH]C3H8+OH=&gt;npropyl+H2O--</chem> <chem>&gt;[npropyl]npropyloo=&gt;QOOH_2--</chem> <chem>&gt;[QOOH_2]QOOH_2=&gt;OH+propoxide--&gt;[propoxide]</chem>	3.18E-03	1	3.18E-03	1.26E+00
19	<chem>[OH]C3H8+OH=&gt;npropyl+H2O--</chem> <chem>&gt;[npropyl]O2+QOOH_1=&gt;OH+OH+frag_1--&gt;[frag_1]</chem>	2.92E-03	1	2.92E-03	1.26E+00
20	<chem>[OH]C3H8+OH=&gt;npropyl+H2O--</chem> <chem>&gt;[npropyl]O2+QOOH_1=&gt;OH+OH+frag_1--</chem> <chem>&gt;[frag_1]frag_1=&gt;vinoxy+CH2O--</chem> <chem>&gt;[vinoxy]vinoxy+O2=&gt;CH2O+CO+OH--&gt;[CO]</chem>	2.92E-03	1	2.92E-03	1.27E+00
21	<chem>[OH]C3H8+OH=&gt;npropyl+H2O--</chem> <chem>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+iipropyl--</chem> <chem>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</chem> <chem>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</chem> <chem>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+iipropyl--</chem> <chem>&gt;[CH3CH2OOH]CH3CH2OOH=&gt;ethoxy+OH--</chem> <chem>&gt;[ethoxy]</chem>	2.37E-03	1	2.37E-03	1.27E+00
22	<chem>[OH]C3H8+OH=&gt;iipropyl+H2O--</chem> <chem>&gt;[iipropyl]iipropyloo+C3H8=&gt;iipropylooh+iipropyl--</chem> <chem>&gt;[iipropylooh]iipropylooh=&gt;iipropyloxy+OH--</chem> <chem>&gt;[iipropyloxy]iipropyloxy=&gt;CH3+acetaldehyde--</chem> <chem>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+npropyl--</chem> <chem>&gt;[CH3OOH]CH3OOH=&gt;CH3O+OH--&gt;[CH3O]</chem>	2.30E-03	1	2.30E-03	1.27E+00
23	<chem>[OH]C3H8+OH=&gt;iipropyl+H2O--</chem> <chem>&gt;[iipropyl]iipropyloo+C3H8=&gt;iipropylooh+npropyl--</chem> <chem>&gt;[iipropylooh]iipropylooh=&gt;iipropyloxy+OH--</chem> <chem>&gt;[iipropyloxy]iipropyloxy=&gt;CH3+acetaldehyde--</chem> <chem>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+npropyl--</chem> <chem>&gt;[npropyl]well_1=&gt;OH+prod_1--&gt;[prod_1]</chem>	2.27E-03	1	2.27E-03	1.27E+00

24	<p>[OH]C3H8+OH=&gt;iipropyl+H2O--</p> <p>&gt;[iipropyl]iipropyloo+C3H8=&gt;iipropylooh+npropyl--</p> <p>&gt;[iipropylooh]iipropylooh=&gt;iipropyloxy+OH--</p> <p>&gt;[iipropyloxy]iipropyloxy=&gt;CH3+acetaldehyde--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--</p> <p>&gt;[prod_1]prod_1=&gt;frag_1+OH--&gt;[frag_1]</p>	2.27E-03	1	2.27E-03	1.28E+00
25	<p>[OH]C3H8+OH=&gt;iipropyl+H2O--</p> <p>&gt;[iipropyl]iipropyloo+C3H8=&gt;iipropylooh+npropyl--</p> <p>&gt;[iipropylooh]iipropylooh=&gt;iipropyloxy+OH--</p> <p>&gt;[iipropyloxy]iipropyloxy=&gt;CH3+acetaldehyde--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--</p> <p>&gt;[prod_1]prod_1=&gt;frag_1+OH--</p> <p>&gt;[frag_1]frag_1=&gt;vinoxy+CH2O--</p> <p>&gt;[vinoxy]vinoxy+O2=&gt;CH2O+CO+OH--&gt;[CO]</p>	2.27E-03	1	2.27E-03	1.28E+00
26	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+npropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+iipropyl--</p> <p>&gt;[CH3CH2OOH]CH3CH2OOH=&gt;ethoxy+OH--</p> <p>&gt;[ethoxy]</p>	1.39E-03	1	1.39E-03	1.28E+00
27	<p>[OH]C3H8+OH=&gt;iipropyl+H2O--</p> <p>&gt;[iipropyl]iipropyloo+C3H8=&gt;iipropylooh+npropyl--</p> <p>&gt;[iipropylooh]iipropylooh=&gt;iipropyloxy+OH--</p> <p>&gt;[iipropyloxy]iipropyloxy=&gt;CH3+acetaldehyde--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+npropyl--</p> <p>&gt;[CH3OOH]CH3OOH=&gt;CH3O+OH--&gt;[CH3O]</p>	1.34E-03	1	1.34E-03	1.28E+00

28	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--</p> <p>&gt;[prod_1]prod_1=&gt;frag_1+OH--</p> <p>&gt;[frag_1]frag_1=&gt;vinoxy+CH2O--</p> <p>&gt;[vinoxy]vinoxy+O2=&gt;CH2O+CO+OH--&gt;[CH2O]</p>	1.23E-03	1	1.23E-03	1.28E+00
29	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--</p> <p>&gt;[prod_1]prod_1=&gt;frag_1+OH--&gt;[frag_1]</p>	1.23E-03	1	1.23E-03	1.28E+00
30	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--&gt;[prod_1]</p>	1.23E-03	1	1.23E-03	1.29E+00
31	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]ipropyloo=&gt;QOOH_3--</p> <p>&gt;[QOOH_3]QOOH_3=&gt;OH+propoxide--&gt;[propoxide]</p>	1.08E-03	1	1.08E-03	1.29E+00
32	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]ipropyloo=&gt;OH+propoxide--&gt;[propoxide]</p>	9.46E-04	1	9.46E-04	1.29E+00

33	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+npropyl--</p> <p>&gt;[CH3CH2OOH]CH3CH2OOH=&gt;ethoxy+OH--</p> <p>&gt;[ethoxy]</p>	7.93E-04	1	7.93E-04	1.29E+00
34	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]</p>	7.58E-04	1	7.58E-04	1.29E+00
35	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+npropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--</p> <p>&gt;[prod_1]prod_1=&gt;frag_1+OH--&gt;[frag_1]</p>	7.20E-04	1	7.20E-04	1.29E+00
36	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+npropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--&gt;[prod_1]</p>	7.20E-04	1	7.20E-04	1.29E+00

37	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + npropyl$ -- $>[npropylooh]npropylooh \Rightarrow npropyloxy + OH$ -- $>[npropyloxy]npropyloxy \Rightarrow C_2H_5 + CH_2O$ -- $>[C_2H_5]CH_3CH_2OO + C_3H_8 \Rightarrow CH_3CH_2OOH + npropyl$ -- $>[npropyl]well\_1 \Rightarrow OH + prod\_1$ -- $>[prod\_1]prod\_1 \Rightarrow frag\_1 + OH$ -- $>[frag\_1]frag\_1 \Rightarrow vinoxy + CH_2O$ -- $>[vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$	7.19E-04	1	7.19E-04	1.29E+00
38	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]O_2 + QOOH\_1 \Rightarrow HO_2 + prod\_2$ -- $>[prod\_2]prod\_2 \Rightarrow allyloxy + OH \rightarrow [allyloxy]$	7.17E-04	1	7.17E-04	1.29E+00
39	$[OH]C_3H_8 + OH \Rightarrow ipropyl + H_2O$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + ipropyl$ -- $>[ipropylooh]ipropylooh \Rightarrow ipropyloxy + OH$ -- $>[ipropyloxy]ipropyloxy \Rightarrow CH_3 + acetaldehyde$ -- $>[CH_3]CH_3OO + C_3H_8 \Rightarrow CH_3OOH + ipropyl$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + ipropyl$ -- $>[ipropylooh]ipropylooh \Rightarrow ipropyloxy + OH$ -- $>[ipropyloxy]$	6.45E-04	1	6.45E-04	1.29E+00
40	$[OH]C_3H_8 + OH \Rightarrow ipropyl + H_2O$ -- $>[ipropyl]O_2 + ipropyl \Rightarrow OH + propoxide \rightarrow [propoxide]$	5.87E-04	1	5.87E-04	1.29E+00
41	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]O_2 + npropyl \Rightarrow OH + propoxide$ -- $>[propoxide]$	5.11E-04	1	5.11E-04	1.29E+00
42	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]well\_1 \Rightarrow OH + prod\_3 \rightarrow [prod\_3]$	4.90E-04	1	4.90E-04	1.29E+00
43	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]well\_1 \Rightarrow OH + prod\_3$ -- $>[prod\_3]prod\_3 \Rightarrow frag\_3 + OH \rightarrow [frag\_3]$	4.89E-04	1	4.89E-04	1.29E+00

44	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+npropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+npropyl--</p> <p>&gt;[CH3CH2OOH]CH3CH2OOH=&gt;ethoxy+OH--</p> <p>&gt;[ethoxy]</p>	4.63E-04	1	4.63E-04	1.29E+00
45	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+npropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]</p>	4.42E-04	1	4.42E-04	1.30E+00
46	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+ipropyl--</p> <p>&gt;[CH3CH2OOH]CH3CH2OOH=&gt;ethoxy+OH--</p> <p>&gt;[ethoxy]ethoxy=&gt;CH3+CH2O--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+ipropyl--</p> <p>&gt;[CH3OOH]CH3OOH=&gt;CH3O+OH--&gt;[CH3O]</p>	4.32E-04	1	4.32E-04	1.30E+00
47	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+npropyl--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]</p>	4.08E-04	1	4.08E-04	1.30E+00



48	$[OH]C_3H_8 + OH \Rightarrow ipropyl + H_2O$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + npropyl$ -- $>[ipropylooh]ipropylooh \Rightarrow ipropyloxy + OH$ -- $>[ipropyloxy]ipropyloxy \Rightarrow CH_3 + \text{acetaldehyde}$ -- $>[CH_3]CH_3OO + C_3H_8 \Rightarrow CH_3OOH + ipropyl$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + ipropyl$ -- $>[ipropylooh]ipropylooh \Rightarrow ipropyloxy + OH$ -- $>[ipropyloxy]$	3.76E-04	1	3.76E-04	1.30E+00
49	$[OH]C_3H_8 + OH \Rightarrow ipropyl + H_2O$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + ipropyl$ -- $>[ipropylooh]ipropylooh \Rightarrow ipropyloxy + OH$ -- $>[ipropyloxy]ipropyloxy \Rightarrow CH_3 + \text{acetaldehyde}$ -- $>[CH_3]CH_3OO + C_3H_8 \Rightarrow CH_3OOH + ipropyl$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + npropyl$ -- $>[ipropylooh]ipropylooh \Rightarrow ipropyloxy + OH$ -- $>[ipropyloxy]$	3.76E-04	1	3.76E-04	1.30E+00
50	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + ipropyl$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + npropyl$ -- $>[npropyl]well\_1 \Rightarrow OH + prod\_1$ -- $>[prod\_1]prod\_1 \Rightarrow frag\_1 + OH$ -- $>[frag\_1]frag\_1 \Rightarrow \text{vinoxy} + CH_2O$ -- $>[vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$	3.38E-04	1	3.38E-04	1.30E+00
51	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + ipropyl$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + npropyl$ -- $>[npropyl]well\_1 \Rightarrow OH + prod\_1 \rightarrow [prod\_1]$	3.38E-04	1	3.38E-04	1.30E+00
52	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + ipropyl$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + npropyl$ -- $>[npropyl]well\_1 \Rightarrow OH + prod\_1$ -- $>[prod\_1]prod\_1 \Rightarrow frag\_1 + OH \rightarrow [frag\_1]$	3.38E-04	1	3.38E-04	1.30E+00

53	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH3+acetaldehyde--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+ipropyl--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--&gt;[prod_1]</p>	2.89E-04	1	2.89E-04	1.30E+00
54	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH3+acetaldehyde--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+ipropyl--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--</p> <p>&gt;[prod_1]prod_1=&gt;frag_1+OH--&gt;[frag_1]</p>	2.88E-04	1	2.88E-04	1.30E+00
55	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH3+acetaldehyde--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+ipropyl--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--</p> <p>&gt;[prod_1]prod_1=&gt;frag_1+OH--</p> <p>&gt;[frag_1]frag_1=&gt;vinoxy+CH2O--</p> <p>&gt;[vinoxy]vinoxy+O2=&gt;CH2O+CO+OH--&gt;[CH2O]</p>	2.88E-04	1	2.88E-04	1.30E+00
56	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+npropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+ipropyl--</p> <p>&gt;[CH3CH2OOH]CH3CH2OOH=&gt;ethoxy+OH--</p> <p>&gt;[ethoxy]ethoxy=&gt;CH3+CH2O--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+ipropyl--</p> <p>&gt;[CH3OOH]CH3OOH=&gt;CH3O+OH--&gt;[CH3O]</p>	2.52E-04	1	2.52E-04	1.30E+00

57	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH3+acetaldehyde--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+ipropyl--</p> <p>&gt;[CH3OOH]CH3OOH=&gt;CH3O+OH--&gt;[CH3O]</p>	2.51E-04	1	2.51E-04	1.30E+00
58	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+npropyl--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+npropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]</p>	2.38E-04	1	2.38E-04	1.30E+00
59	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;HO2+prod_2--</p> <p>&gt;[prod_2]prod_2=&gt;allyloxy+OH--&gt;[allyloxy]</p>	2.26E-04	1	2.26E-04	1.30E+00
60	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+npropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH3+acetaldehyde--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+ipropyl--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+npropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]</p>	2.19E-04	1	2.19E-04	1.30E+00
61	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+npropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+ipropyl--</p> <p>&gt;[CH3CH2OOH]CH3CH2OOH=&gt;ethoxy+OH--</p> <p>&gt;[ethoxy]ethoxy=&gt;CH3+CH2O--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--&gt;[prod_1]</p>	2.14E-04	1	2.14E-04	1.30E+00

62	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+ipropyl--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]</p>	2.04E-04	1	2.04E-04	1.30E+00
63	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+npropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+ipropyl--</p> <p>&gt;[CH3CH2OOH]CH3CH2OOH=&gt;ethoxy+OH--</p> <p>&gt;[ethoxy]ethoxy=&gt;CH3+CH2O--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--</p> <p>&gt;[prod_1]prod_1=&gt;frag_1+OH--&gt;[frag_1]</p>	2.03E-04	1	2.03E-04	1.30E+00
64	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH3+acetaldehyde--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+npropyl--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]</p>	1.68E-04	1	1.68E-04	1.30E+00
65	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]O2+ipropyl=&gt;QOOH_3--</p> <p>&gt;[QOOH_3]QOOH_3=&gt;OH+propoxide--&gt;[propoxide]</p>	1.55E-04	1	1.55E-04	1.30E+00

66	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH3+acetaldehyde--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--&gt;[prod_1]</p>	1.43E-04	1	1.43E-04	1.30E+00
67	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+ipropyl--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH3+acetaldehyde--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--</p> <p>&gt;[prod_1]prod_1=&gt;frag_1+OH--&gt;[frag_1]</p>	1.43E-04	1	1.43E-04	1.30E+00
68	<p>[OH]C3H8+OH=&gt;npropyl+H2O--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+npropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C2H5+CH2O--</p> <p>&gt;[C2H5]CH3CH2OO+C3H8=&gt;CH3CH2OOH+ipropyl--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]</p>	1.19E-04	1	1.19E-04	1.30E+00
69	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+npropyl--</p> <p>&gt;[npropyl]npropyloo=&gt;OH+propoxide--&gt;[propoxide]</p>	1.03E-04	1	1.03E-04	1.30E+00
70	<p>[OH]C3H8+OH=&gt;ipropyl+H2O--</p> <p>&gt;[ipropyl]ipropyloo+C3H8=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH3+acetaldehyde--</p> <p>&gt;[CH3]CH3OO+C3H8=&gt;CH3OOH+npropyl--</p> <p>&gt;[npropyl]npropyloo+C3H8=&gt;npropylooh+npropyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--</p> <p>&gt;[npropyloxy]</p>	9.81E-05	1	9.81E-05	1.30E+00

71	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+iipropyl-- >[iipropylooh]iipropylooh=>iipropyloxy+OH-- >[iipropyloxy]iipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	9.36E-05	1	9.36E-05	1.30E+00
72	[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	9.22E-05	1.30E+00
73	[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-->[CH2O]	8.87E-05	1	8.87E-05	1.30E+00
74	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	7.32E-05	1	7.32E-05	1.30E+00
75	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+npropyl-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	7.20E-05	1	7.20E-05	1.30E+00
76	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+npropyl-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-->[frag_1]	6.96E-05	1	6.96E-05	1.30E+00
77	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+npropyl-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH2O-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	6.96E-05	1	6.96E-05	1.30E+00
78	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]well_2=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	6.94E-05	1	6.94E-05	1.30E+00

79	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo=>QOOH_3-- >[QOOH_3]well_3=>OH+prod_4-- >[prod_4]prod_4=>frag_4+OH-->[frag_4]	6.28E-05	1	6.28E-05	1.30E+00
80	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo=>QOOH_3-- >[QOOH_3]well_3=>OH+prod_4-->[prod_4]	6.28E-05	1	6.28E-05	1.30E+00
81	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo=>QOOH_3-- >[QOOH_3]well_3=>well_2-- >[well_2]QOOH_2=>OH+propoxide-->[propoxide]	5.03E-05	1	5.03E-05	1.30E+00
82	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo=>QOOH_3-- >[QOOH_3]well_3=>well_5-- >[well_5]well_5=>OH+prod_3-->[prod_3]	4.69E-05	1	4.69E-05	1.30E+00
83	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo=>QOOH_3-- >[QOOH_3]well_3=>well_5-- >[well_5]well_5=>OH+prod_3-- >[prod_3]prod_3=>frag_3+OH-->[frag_3]	4.68E-05	1	4.68E-05	1.30E+00
84	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+iipropyl-- >[iipropylooh]iipropylooh=>iipropyloxy+OH-- >[iipropyloxy]iipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	4.24E-05	1	4.24E-05	1.30E+00
85	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+iipropyl-- >[iipropyl]iipropyloo=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	3.90E-05	1	3.90E-05	1.30E+00
86	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+iipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>oxirane+OH-->[oxirane]	3.84E-05	1	3.84E-05	1.30E+00

87	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+prod_3-->[prod_3]	3.78E-05	1	3.78E-05	1.30E+00
88	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+prod_3-- >[prod_3]prod_3=>frag_3+OH-->[frag_3]	3.77E-05	1	3.77E-05	1.30E+00
89	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	3.46E-05	1	3.46E-05	1.30E+00
90	[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=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	3.28E-05	1	3.28E-05	1.30E+00
91	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo=>QOOH_3-- >[QOOH_3]well_3=>HO2+prod_7-- >[prod_7]prod_7=>propen2oxy+OH-- >[propen2oxy]	3.22E-05	1	3.22E-05	1.30E+00
92	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]QOOH_1=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	2.99E-05	1	2.99E-05	1.30E+00
93	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>oxirane+OH-->[oxirane]	2.24E-05	1	2.24E-05	1.30E+00
94	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]well_2=>OH+prod_5-->[prod_5]	2.11E-05	1	2.11E-05	1.30E+00
95	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]well_2=>OH+prod_5-- >[prod_5]prod_5=>frag_5+OH-->[frag_5]	2.11E-05	1	2.11E-05	1.30E+00



96	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + ipropyl$ -- $>[ipropyl]O_2 + ipropyl \Rightarrow OH + propoxide$ -->[propoxide]	2.02E-05	1	2.02E-05	1.30E+00
97	$[OH]C_3H_8 + OH \Rightarrow ipropyl + H_2O$ -- $>[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6$ -- $>[C_3H_6]C_3H_6 + HO_2 \Rightarrow propen1ol + OH$ -->[propen1ol]	1.32E-05	1	1.32E-05	1.30E+00
98	$[OH]C_3H_8 + OH \Rightarrow ipropyl + H_2O$ -- $>[ipropyl]ipropylo \Rightarrow QOOH_3$ -- $>[QOOH_3]well_3 \Rightarrow well_5$ -- $>[well_5]well_5 \Rightarrow well_3$ -- $>[well_3]QOOH_3 \Rightarrow OH + propoxide$ -->[propoxide]	1.29E-05	1	1.29E-05	1.30E+00
99	$[OH]C_3H_8 + OH \Rightarrow ipropyl + H_2O$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + npropyl$ -- $>[npropyl]well_1 \Rightarrow OH + prod_3$ -->[prod_3]	1.19E-05	1	1.19E-05	1.30E+00
100	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo \Rightarrow QOOH_2$ -- $>[QOOH_2]well_2 \Rightarrow HO_2 + prod_6$ -- $>[prod_6]prod_6 \Rightarrow propen1oxy + OH$ -- $>[propen1oxy]$	1.19E-05	1	1.19E-05	1.30E+00