

	Pathway Name	Pathway Probability	#OH	f	cumulative f
1	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	3.76E-01	1	3.76E-01	3.76E-01
2	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-->[frag_1]	1.21E-01	1	1.21E-01	4.97E-01
3	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH2O-- >[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CH2O]	1.21E-01	1	1.21E-01	6.19E-01
4	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh+C3H8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	8.89E-03	1	8.89E-03	6.28E-01
5	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropylooh+C3H8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]	6.85E-03	1	6.85E-03	6.34E-01
6	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylooh+C3H8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]	4.97E-03	1	4.97E-03	6.39E-01
7	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropylooh=>OH+propoxide-->[propoxide]	4.51E-03	1	4.51E-03	6.44E-01
8	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropylooh+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]	4.00E-03	1	4.00E-03	6.48E-01
9	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropylooh=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.17E-03	1	3.17E-03	6.51E-01

10	[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]	2.91E-03	1	2.91E-03	6.54E-01
11	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-->[frag_1]	2.91E-03	1	2.91E-03	6.57E-01
12	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylOO+C3H8=>ipropylOOH+npropyl-- >[ipropylOOH]ipropylOOH=>ipropylOxy+OH-- >[ipropylOxy]	2.90E-03	1	2.90E-03	6.60E-01
13	[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]	2.35E-03	1	2.35E-03	6.62E-01
14	[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]	2.35E-03	1	2.35E-03	6.64E-01
15	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.25E-03	1	1.25E-03	6.66E-01
16	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylOO=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	1.08E-03	1	1.08E-03	6.67E-01
17	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropylOO=>OH+propoxide-->[propoxide]	9.40E-04	1	9.40E-04	6.68E-01
18	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]O2+ipropyl=>OH+propoxide-->[propoxide]	5.84E-04	1	5.84E-04	6.68E-01
19	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>OH+propoxide-- >[propoxide]	5.10E-04	1	5.10E-04	6.69E-01
20	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_3-->[prod_3]	4.88E-04	1	4.88E-04	6.69E-01

21	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]npropylo+ C3H8=>npropylooh+ipropyl--</chem> <chem>>[ipropyl]ipropylo+ C3H8=>ipropylooh+npropyl--</chem> <chem>>[npropyl]well_1=>OH+prod_1-->[prod_1]</chem>	3.05E-04	1	3.05E-04	6.70E-01
22	<chem>[OH]C3H8+OH=>ipropyl+H2O--</chem> <chem>>[ipropyl]O2+ipropyl=>QOOH_3--</chem> <chem>>[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]</chem>	1.54E-04	1	1.54E-04	6.70E-01
23	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]npropylo+ C3H8=>npropylooh+ipropyl--</chem> <chem>>[npropylooh]npropylooh=>npropyloxy+OH--</chem> <chem>>[npropyloxy]npropyloxy=>C2H5+CH2O--</chem> <chem>>[C2H5]CH3CH2OO+ C3H8=>CH3CH2OOH+npropyl--</chem> <chem>>[npropyl]well_1=>OH+prod_1-->[prod_1]</chem>	1.45E-04	1	1.45E-04	6.70E-01
24	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]npropylo+ C3H8=>npropylooh+ipropyl--</chem> <chem>>[ipropyl]ipropylo+ C3H8=>ipropylooh+ipropyl--</chem> <chem>>[ipropylooh]ipropylooh=>ipropyloxy+OH--</chem> <chem>>[ipropyloxy]</chem>	1.45E-04	1	1.45E-04	6.70E-01
25	<chem>[OH]C3H8+OH=>ipropyl+H2O--</chem> <chem>>[ipropyl]ipropylo+ C3H8=>ipropylooh+npropyl--</chem> <chem>>[npropyl]npropylo+ C3H8=>npropylooh+ipropyl--</chem> <chem>>[npropylooh]npropylooh=>npropyloxy+OH--</chem> <chem>>[npropyloxy]</chem>	1.24E-04	1	1.24E-04	6.70E-01
26	<chem>[OH]C3H8+OH=>ipropyl+H2O--</chem> <chem>>[ipropyl]ipropylo+ C3H8=>ipropylooh+ipropyl--</chem> <chem>>[ipropylooh]ipropylooh=>ipropyloxy+OH--</chem> <chem>>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde--</chem> <chem>>[CH3]CH3OO+ C3H8=>CH3OOH+npropyl--</chem> <chem>>[npropyl]well_1=>OH+prod_1-->[prod_1]</chem>	1.22E-04	1	1.22E-04	6.70E-01
27	<chem>[OH]C3H8+OH=>ipropyl+H2O--</chem> <chem>>[ipropyl]ipropylo+ C3H8=>ipropylooh+npropyl--</chem> <chem>>[npropyl]npropylo=>OH+propoxide-->[propoxide]</chem>	9.96E-05	1	9.96E-05	6.70E-01

28	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>HO2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	9.68E-05	1	9.68E-05	6.71E-01
29	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]well_2=>well_3-- >[well_3]QOOH_3=>OH+propoxide-->[propoxide]	9.18E-05	1	9.18E-05	6.71E-01
30	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]well_1=>OH+prod_3-- >[prod_3]prod_3=>frag_3+OH-->[frag_3]	9.03E-05	1	9.03E-05	6.71E-01
31	[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]	8.46E-05	1	8.46E-05	6.71E-01
32	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]	8.46E-05	1	8.46E-05	6.71E-01
33	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+npropyl=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	7.29E-05	1	7.29E-05	6.71E-01
34	[OH]C3H8+OH=>ipropyl+H2O-- >[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl-- >[npropyl]npropyloo+C3H8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]	7.24E-05	1	7.24E-05	6.71E-01

35	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+npropyl-- >[iipropylooh]iipropylooh=>iipropyloxy+OH-- >[iipropyloxy]iipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	7.15E-05	1	7.15E-05	6.71E-01
36	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+npropyl-- >[npropyl]npropyloo=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	6.96E-05	1	6.96E-05	6.71E-01
37	[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-->[CO]	6.73E-05	1	6.73E-05	6.71E-01
38	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+npropyl-- >[npropyl]O2+QOOH_1=>OH+OH+frag_1-->[frag_1]	6.73E-05	1	6.73E-05	6.71E-01
39	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+iipropyl-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+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]	6.57E-05	1	6.57E-05	6.71E-01
40	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+iipropyl-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-- >[prod_1]prod_1=>frag_1+OH-->[frag_1]	6.56E-05	1	6.56E-05	6.71E-01
41	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo=>QOOH_3-- >[QOOH_3]well_3=>OH+prod_4-->[prod_4]	6.23E-05	1	6.23E-05	6.71E-01

42	$[OH]C_3H_8 + OH \Rightarrow ipropyl + H_2O$ -- $>[ipropyl]ipropylo \Rightarrow QOOH_3$ -- $>[QOOH_3]well_3 \Rightarrow well_2$ -- $>[well_2]QOOH_2 \Rightarrow OH + propoxide \Rightarrow [propoxide]$	4.98E-05	1	4.98E-05	6.72E-01
43	$[OH]C_3H_8 + OH \Rightarrow ipropyl + H_2O$ -- $>[ipropyl]ipropylo \Rightarrow QOOH_3$ -- $>[QOOH_3]well_3 \Rightarrow well_5$ -- $>[well_5]well_5 \Rightarrow OH + prod_3 \Rightarrow [prod_3]$	4.64E-05	1	4.64E-05	6.72E-01
44	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]O_2 + QOOH_1 \Rightarrow OH + prod_3 \Rightarrow [prod_3]$	3.77E-05	1	3.77E-05	6.72E-01
45	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + ipropyl$ -- $>[ipropyl]ipropylo \Rightarrow QOOH_3$ -- $>[QOOH_3]QOOH_3 \Rightarrow OH + propoxide \Rightarrow [propoxide]$	3.76E-05	1	3.76E-05	6.72E-01
46	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + ipropyl$ -- $>[ipropyl]ipropylo \Rightarrow OH + propoxide \Rightarrow [propoxide]$	3.35E-05	1	3.35E-05	6.72E-01
47	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]QOOH_1 \Rightarrow QOOH_2$ -- $>[QOOH_2]QOOH_2 \Rightarrow OH + propoxide \Rightarrow [propoxide]$	2.98E-05	1	2.98E-05	6.72E-01
48	$[OH]C_3H_8 + OH \Rightarrow ipropyl + H_2O$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + npropyl$ -- $>[npropyl]well_1 \Rightarrow HO_2 + prod_2$ -- $>[prod_2]prod_2 \Rightarrow allyloxy + OH \Rightarrow [allyloxy]$	2.37E-05	1	2.37E-05	6.72E-01
49	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo \Rightarrow QOOH_2$ -- $>[QOOH_2]well_2 \Rightarrow OH + prod_5 \Rightarrow [prod_5]$	2.10E-05	1	2.10E-05	6.72E-01
50	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + ipropyl$ -- $>[ipropyl]O_2 + ipropyl \Rightarrow OH + propoxide \Rightarrow [propoxide]$	1.96E-05	1	1.96E-05	6.72E-01

51	<p>[OH]C3H8+OH=>npropyl+H2O--</p> <p>>[npropyl]npropyloo+C3H8=>npropylooh+ipropyl--</p> <p>>[npropylooh]npropylooh=>npropyloxy+OH--</p> <p>>[npropyloxy]npropyloxy=>C2H5+CH2O--</p> <p>>[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+npropyl--</p> <p>>[npropyl]well_1=>OH+prod_1--</p> <p>>[prod_1]prod_1=>frag_1+OH-->[frag_1]</p>	1.85E-05	1	1.85E-05	6.72E-01
52	<p>[OH]C3H8+OH=>ipropyl+H2O--</p> <p>>[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl--</p> <p>>[ipropylooh]ipropylooh=>ipropyloxy+OH--</p> <p>>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde--</p> <p>>[CH3]CH3OO+C3H8=>CH3OOH+npropyl--</p> <p>>[npropyl]well_1=>OH+prod_1--</p> <p>>[prod_1]prod_1=>frag_1+OH--</p> <p>>[frag_1]frag_1=>vinoxy+CH2O--</p> <p>>[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]</p>	1.45E-05	1	1.45E-05	6.72E-01
53	<p>[OH]C3H8+OH=>ipropyl+H2O--</p> <p>>[ipropyl]ipropyloo+C3H8=>ipropylooh+ipropyl--</p> <p>>[ipropylooh]ipropylooh=>ipropyloxy+OH--</p> <p>>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde--</p> <p>>[CH3]CH3OO+C3H8=>CH3OOH+npropyl--</p> <p>>[npropyl]well_1=>OH+prod_1--</p> <p>>[prod_1]prod_1=>frag_1+OH-->[frag_1]</p>	1.44E-05	1	1.44E-05	6.72E-01
54	<p>[OH]C3H8+OH=>ipropyl+H2O--</p> <p>>[ipropyl]ipropyloo=>QOOH_3--</p> <p>>[QOOH_3]well_3=>well_5--</p> <p>>[well_5]well_5=>well_3--</p> <p>>[well_3]QOOH_3=>OH+propoxide-->[propoxide]</p>	1.28E-05	1	1.28E-05	6.72E-01
55	<p>[OH]C3H8+OH=>npropyl+H2O--</p> <p>>[npropyl]well_1=>HO2+prod_2--</p> <p>>[prod_2]prod_2=>allyloxy+OH--</p> <p>>[allyloxy]allyloxy=>C2H3+CH2O--</p> <p>>[C2H3]C2H3+O2=>O+vinoxy--</p> <p>>[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO]</p>	1.19E-05	1	1.19E-05	6.72E-01

56	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]npropyloo=>QOOH_2--</chem> <chem>>[QOOH_2]well_2=>HO2+prod_6--</chem> <chem>>[prod_6]prod_6=>propen1oxy+OH--</chem> <chem>>[propen1oxy]</chem>	1.18E-05	1	1.18E-05	6.72E-01
57	<chem>[OH]C3H8+OH=>ipropyl+H2O--</chem> <chem>>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl--</chem> <chem>>[npropyl]well_1=>OH+prod_3-->[prod_3]</chem>	1.15E-05	1	1.15E-05	6.72E-01
58	<chem>[OH]C3H8+OH=>ipropyl+H2O--</chem> <chem>>[ipropyl]ipropyloo=>QOOH_3--</chem> <chem>>[QOOH_3]well_3=>OH+prod_4--</chem> <chem>>[prod_4]prod_4=>frag_4+OH-->[frag_4]</chem>	1.11E-05	1	1.11E-05	6.72E-01
59	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]npropyloo+C3H8=>npropylooh+npropyl--</chem> <chem>>[npropylooh]npropylooh=>npropyloxy+OH--</chem> <chem>>[npropyloxy]npropyloxy=>C2H5+CH2O--</chem> <chem>>[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+npropyl--</chem> <chem>>[npropyl]well_1=>OH+prod_1--</chem> <chem>>[prod_1]prod_1=>frag_1+OH-->[frag_1]</chem>	1.07E-05	1	1.07E-05	6.72E-01
60	<chem>[OH]C3H8+OH=>ipropyl+H2O--</chem> <chem>>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl--</chem> <chem>>[npropyl]O2+npropyl=>OH+propoxide--</chem> <chem>>[propoxide]</chem>	9.97E-06	1	9.97E-06	6.72E-01
61	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]npropyloo=>QOOH_2--</chem> <chem>>[QOOH_2]well_2=>HO2+prod_2--</chem> <chem>>[prod_2]prod_2=>allyloxy+OH-->[allyloxy]</chem>	9.30E-06	1	9.30E-06	6.72E-01
62	<chem>[OH]C3H8+OH=>ipropyl+H2O--</chem> <chem>>[ipropyl]O2+ipropyl=>QOOH_3--</chem> <chem>>[QOOH_3]well_3=>OH+prod_4-->[prod_4]</chem>	8.76E-06	1	8.76E-06	6.72E-01
63	<chem>[OH]C3H8+OH=>ipropyl+H2O--</chem> <chem>>[ipropyl]ipropyloo+C3H8=>ipropylooh+npropyl--</chem> <chem>>[ipropylooh]ipropylooh=>ipropyloxy+OH--</chem> <chem>>[ipropyloxy]ipropyloxy=>CH3+acetaldehyde--</chem> <chem>>[CH3]CH3OO+C3H8=>CH3OOH+npropyl--</chem> <chem>>[npropyl]well_1=>OH+prod_1--</chem> <chem>>[prod_1]prod_1=>frag_1+OH-->[frag_1]</chem>	8.42E-06	1	8.42E-06	6.72E-01

64	[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]	8.30E-06	1	8.30E-06	6.72E-01
65	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]O2+iipropyl=>QOOH_3-- >[QOOH_3]well_3=>well_2-- >[well_2]QOOH_2=>OH+propoxide-->[propoxide]	7.01E-06	1	7.01E-06	6.72E-01
66	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]O2+QOOH_1=>OH+prod_3-- >[prod_3]prod_3=>frag_3+OH-->[frag_3]	7.00E-06	1	7.00E-06	6.72E-01
67	[OH]C3H8+OH=>npropyl+H2O-- >[npropyl]npropyloo+C3H8=>npropylooh+iipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C2H5+CH2O-- >[C2H5]C2H5+O2=>oxirane+OH-->[oxirane]	6.56E-06	1	6.56E-06	6.72E-01
68	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]O2+iipropyl=>QOOH_3-- >[QOOH_3]well_3=>well_5-- >[well_5]well_5=>OH+prod_3-->[prod_3]	6.54E-06	1	6.54E-06	6.72E-01
69	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+npropyl-- >[npropyl]npropyloo+C3H8=>npropylooh+iipropyl-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	5.95E-06	1	5.95E-06	6.72E-01
70	[OH]C3H8+OH=>iipropyl+H2O-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+iipropyl-- >[iipropylooh]iipropylooh=>iipropyloxy+OH-- >[iipropyloxy]iipropyloxy=>CH3+acetaldehyde-- >[CH3]CH3OO+C3H8=>CH3OOH+iipropyl-- >[iipropyl]iipropyloo+C3H8=>iipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	5.55E-06	1	5.55E-06	6.72E-01

71	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]npropyloo=>QOOH_2--</chem> <chem>>[QOOH_2]well_2=>well_3--</chem> <chem>>[well_3]well_3=>OH+prod_4-->[prod_4]</chem>	5.42E-06	1	5.42E-06	6.72E-01
72	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]npropyloo+C3H8=>npropylooh+ipropyl--</chem> <chem>>[ipropyl]O2+ipropyl=>QOOH_3--</chem> <chem>>[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]</chem>	5.06E-06	1	5.06E-06	6.72E-01
73	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]npropyloo=>QOOH_2--</chem> <chem>>[QOOH_2]well_2=>well_3--</chem> <chem>>[well_3]well_3=>well_2--</chem> <chem>>[well_2]QOOH_2=>OH+propoxide-->[propoxide]</chem>	4.34E-06	1	4.34E-06	6.72E-01
74	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]npropyloo=>QOOH_2--</chem> <chem>>[QOOH_2]well_2=>well_3--</chem> <chem>>[well_3]well_3=>well_5--</chem> <chem>>[well_5]well_5=>OH+prod_3-->[prod_3]</chem>	4.05E-06	1	4.05E-06	6.72E-01
75	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]npropyloo=>QOOH_2--</chem> <chem>>[QOOH_2]well_2=>OH+prod_5--</chem> <chem>>[prod_5]prod_5=>frag_5+OH-->[frag_5]</chem>	3.88E-06	1	3.88E-06	6.72E-01
76	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]npropyloo+C3H8=>npropylooh+npropyl--</chem> <chem>>[npropylooh]npropylooh=>npropyloxy+OH--</chem> <chem>>[npropyloxy]npropyloxy=>C2H5+CH2O--</chem> <chem>>[C2H5]C2H5+O2=>oxirane+OH-->[oxirane]</chem>	3.83E-06	1	3.83E-06	6.72E-01
77	<chem>[OH]C3H8+OH=>npropyl+H2O--</chem> <chem>>[npropyl]well_1=>HO2+prod_2--</chem> <chem>>[prod_2]prod_2=>allyloxy+OH--</chem> <chem>>[allyloxy]vinoxylmethyl=>C2H3+CH2O--</chem> <chem>>[C2H3]C2H3+O2=>O+vinoxyl--</chem> <chem>>[vinoxyl]vinoxyl+O2=>CH2O+CO+OH-->[CO]</chem>	3.46E-06	1	3.46E-06	6.72E-01

78	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + ipropyl$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + npropyl$ -- $>[npropyl]npropylo \Rightarrow OH + propoxide$ -- $[propoxide]$	3.36E-06	1	3.36E-06	6.72E-01
79	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + ipropyl$ -- $>[npropylooh]npropylooh \Rightarrow npropyloxy + OH$ -- $>[npropyloxy]npropyloxy \Rightarrow C_2H_5 + CH_2O$ -- $>[C_2H_5]C_2H_5 + O_2 \Rightarrow acetaldehyde + OH$ -- $>[acetaldehyde]$	2.92E-06	1	2.92E-06	6.72E-01
80	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + ipropyl$ -- $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + ipropyl$ -- $>[ipropylooh]ipropylooh \Rightarrow ipropyloxy + OH$ -- $>[ipropyloxy]ipropyloxy \Rightarrow CH_3 + acetaldehyde$ -- $>[CH_3]CH_3OO + C_3H_8 \Rightarrow CH_3OOH + npropyl$ -- $>[npropyl]well_1 \Rightarrow OH + prod_1$ -- $[prod_1]$	2.89E-06	1	2.89E-06	6.72E-01
81	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + ipropyl$ -- $>[npropylooh]npropylooh \Rightarrow npropyloxy + OH$ -- $>[npropyloxy]npropyloxy \Rightarrow C_2H_5 + CH_2O$ -- $>[C_2H_5]C_2H_5 + O_2 \Rightarrow CH_2CH_2OOH$ -- $>[CH_2CH_2OOH]CH_2CH_2OOH \Rightarrow oxirane + OH$ -- $>[oxirane]$	2.68E-06	1	2.68E-06	6.72E-01
82	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo + C_3H_8 \Rightarrow npropylooh + ipropyl$ -- $>[ipropyl]ipropylo \Rightarrow QOOH_3$ -- $>[QOOH_3]well_3 \Rightarrow OH + prod_4$ -- $[prod_4]$	2.42E-06	1	2.42E-06	6.72E-01
83	$[OH]C_3H_8 + OH \Rightarrow ipropyl + H_2O$ -- $>[ipropyl]ipropylo \Rightarrow QOOH_3$ -- $>[QOOH_3]well_3 \Rightarrow OH + prod_3$ -- $[prod_3]$	2.37E-06	1	2.37E-06	6.72E-01

84	<p>[OH]C3H8+OH=>iipropyl+H2O--</p> <p>>[iipropyl]iipropylooh+C3H8=>iipropylooh+npropyl--</p> <p>>[npropyl]npropylooh=>QOOH_2--</p> <p>>[QOOH_2]well_2=>well_3--</p> <p>>[well_3]QOOH_3=>OH+propoxide-->[propoxide]</p>	2.10E-06	1	2.10E-06	6.72E-01
85	<p>[OH]C3H8+OH=>npropyl+H2O--</p> <p>>[npropyl]O2+npropyl=>QOOH_2--</p> <p>>[QOOH_2]well_2=>well_3--</p> <p>>[well_3]QOOH_3=>OH+propoxide-->[propoxide]</p>	2.08E-06	1	2.08E-06	6.72E-01
86	<p>[OH]C3H8+OH=>npropyl+H2O--</p> <p>>[npropyl]npropylooh+C3H8=>npropylooh+iipropyl--</p> <p>>[iipropyl]iipropylooh=>QOOH_3--</p> <p>>[QOOH_3]well_3=>well_2--</p> <p>>[well_2]QOOH_2=>OH+propoxide-->[propoxide]</p>	1.92E-06	1	1.92E-06	6.72E-01
87	<p>[OH]C3H8+OH=>iipropyl+H2O--</p> <p>>[iipropyl]O2+iipropyl=>QOOH_3--</p> <p>>[QOOH_3]well_3=>well_5--</p> <p>>[well_5]well_5=>well_3--</p> <p>>[well_3]QOOH_3=>OH+propoxide-->[propoxide]</p>	1.80E-06	1	1.80E-06	6.72E-01
88	<p>[OH]C3H8+OH=>npropyl+H2O--</p> <p>>[npropyl]npropylooh+C3H8=>npropylooh+iipropyl--</p> <p>>[iipropyl]iipropylooh=>QOOH_3--</p> <p>>[QOOH_3]well_3=>well_5--</p> <p>>[well_5]well_5=>OH+prod_3-->[prod_3]</p>	1.80E-06	1	1.80E-06	6.72E-01
89	<p>[OH]C3H8+OH=>iipropyl+H2O--</p> <p>>[iipropyl]iipropylooh+C3H8=>iipropylooh+npropyl--</p> <p>>[npropyl]well_1=>OH+prod_3--</p> <p>>[prod_3]prod_3=>frag_3+OH-->[frag_3]</p>	1.72E-06	1	1.72E-06	6.72E-01
90	<p>[OH]C3H8+OH=>npropyl+H2O--</p> <p>>[npropyl]npropylooh+C3H8=>npropylooh+npropyl--</p> <p>>[npropylooh]npropylooh=>npropyloxy+OH--</p> <p>>[npropyloxy]npropyloxy=>C2H5+CH2O--</p> <p>>[C2H5]C2H5+O2=>acetaldehyde+OH--</p> <p>>[acetaldehyde]</p>	1.70E-06	1	1.70E-06	6.72E-01

91	<p>[OH]C3H8+OH=>npropyl+H2O--</p> <p>>[npropyl]npropyloo+C3H8=>npropylooh+ipropyl--</p> <p>>[npropylooh]npropylooh=>npropyloxy+OH--</p> <p>>[npropyloxy]npropyloxy=>C2H5+CH2O--</p> <p>>[C2H5]CH3CH2OO+C3H8=>CH3CH2OOH+npropyl--</p> <p>>[npropyl]npropyloo=>OH+propoxide-->[propoxide]</p>	1.59E-06	1	1.59E-06	6.72E-01
92	<p>[OH]C3H8+OH=>ipropyl+H2O--</p> <p>>[ipropyl]O2+ipropyl=>QOOH_3--</p> <p>>[QOOH_3]well_3=>OH+prod_4--</p> <p>>[prod_4]prod_4=>frag_4+OH-->[frag_4]</p>	1.58E-06	1	1.58E-06	6.72E-01
93	<p>[OH]C3H8+OH=>ipropyl+H2O--</p> <p>>[ipropyl]ipropylloo=>QOOH_3--</p> <p>>[QOOH_3]well_3=>well_2--</p> <p>>[well_2]well_2=>well_3--</p> <p>>[well_3]QOOH_3=>OH+propoxide-->[propoxide]</p>	1.47E-06	1	1.47E-06	6.72E-01
94	<p>[OH]C3H8+OH=>npropyl+H2O--</p> <p>>[npropyl]QOOH_1=>OH+propoxide-->[propoxide]</p>	1.42E-06	1	1.42E-06	6.72E-01
95	<p>[OH]C3H8+OH=>ipropyl+H2O--</p> <p>>[ipropyl]ipropylloo+C3H8=>ipropylooh+npropyl--</p> <p>>[npropyl]O2+npropyl=>QOOH_2--</p> <p>>[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]</p>	1.42E-06	1	1.42E-06	6.72E-01
96	<p>[OH]C3H8+OH=>ipropyl+H2O--</p> <p>>[ipropyl]O2+ipropyl=>QOOH_3--</p> <p>>[QOOH_3]well_3=>well_5--</p> <p>>[well_5]well_5=>OH+prod_3--</p> <p>>[prod_3]prod_3=>frag_3+OH-->[frag_3]</p>	1.18E-06	1	1.18E-06	6.72E-01
97	<p>[OH]C3H8+OH=>npropyl+H2O--</p> <p>>[npropyl]npropyloo=>QOOH_2--</p> <p>>[QOOH_2]well_2=>well_3--</p> <p>>[well_3]well_3=>well_5-->[well_5]well_5=>well_3--</p> <p>>[well_3]QOOH_3=>OH+propoxide-->[propoxide]</p>	1.11E-06	1	1.11E-06	6.72E-01

98	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]QOOH_1 \Rightarrow QOOH_2$ -- $>[QOOH_2]well_2 \Rightarrow well_3$ -- $>[well_3]QOOH_3 \Rightarrow OH + propoxide$ -- $>[propoxide]$	8.69E-07	1	8.69E-07	6.72E-01
99	$[OH]C_3H_8 + OH \Rightarrow ipropyl + H_2O$ -- $>[ipropyl]ipropylo \Rightarrow QOOH_3$ -- $>[QOOH_3]well_3 \Rightarrow well_5$ -- $>[well_5]well_5 \Rightarrow well_3$ -- $>[well_3]well_3 \Rightarrow OH + prod_4$ -- $>[prod_4]$	7.71E-07	1	7.71E-07	6.72E-01
100	$[OH]C_3H_8 + OH \Rightarrow npropyl + H_2O$ -- $>[npropyl]npropylo \Rightarrow QOOH_2$ -- $>[QOOH_2]well_2 \Rightarrow well_3$ -- $>[well_3]well_3 \Rightarrow well_5$ -- $>[well_5]well_5 \Rightarrow OH + prod_3$ -- $>[prod_3]prod_3 \Rightarrow frag_3 + OH$ -- $>[frag_3]$	7.29E-07	1	7.29E-07	6.72E-01