

	t0 (tau)	0
	tf (tau)	0.9
1	[ipropyl]ipropyloo+C <sub>3</sub> H <sub>8</sub> =>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.09E-02
2	[ipropyl]ipropyloo=>HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> -->[C <sub>3</sub> H <sub>6</sub> ]C <sub>3</sub> H <sub>6</sub> +OH=>allyl+H <sub>2</sub> O-- >[allyl]allyl+HO <sub>2</sub> =>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.89E-02
3	[ipropyl]ipropyloo=>HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> -->[C <sub>3</sub> H <sub>6</sub> ]C <sub>3</sub> H <sub>6</sub> +HO <sub>2</sub> =>propen1ol+OH-- >[propen1ol]	1.63E-02
4	[ipropyl]ipropyloo+C <sub>3</sub> H <sub>8</sub> =>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.22E-02
5	[ipropyl]ipropyloo=>HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> -->[C <sub>3</sub> H <sub>6</sub> ]C <sub>3</sub> H <sub>6</sub> +HO <sub>2</sub> =>allyl+H <sub>2</sub> O <sub>2</sub> -- >[allyl]allyl+HO <sub>2</sub> =>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.06E-02
6	[ipropyl]ipropyloo+C <sub>3</sub> H <sub>8</sub> =>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	9.29E-03
7	[ipropyl]ipropyloo+C <sub>3</sub> H <sub>8</sub> =>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	9.28E-03
8	[ipropyl]ipropyloo=>HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> -->[C <sub>3</sub> H <sub>6</sub> ]HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> =>OH+propoxide-- >[propoxide]	8.60E-03
9	[ipropyl]ipropyloo=>HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> -->[C <sub>3</sub> H <sub>6</sub> ]C <sub>3</sub> H <sub>6</sub> +OH=>allyl+H <sub>2</sub> O-- >[allyl]allyl+HO <sub>2</sub> =>allyloxy+OH-->[allyloxy]	6.75E-03
10	[ipropyl]ipropyloo=>HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> -->[C <sub>3</sub> H <sub>6</sub> ]C <sub>3</sub> H <sub>6</sub> +HO <sub>2</sub> =>allyl+H <sub>2</sub> O <sub>2</sub> -- >[allyl]allyl+HO <sub>2</sub> =>allyloxy+OH-->[allyloxy]	4.29E-03
11	[ipropyl]O <sub>2</sub> +ipropyl=>HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> -->[C <sub>3</sub> H <sub>6</sub> ]C <sub>3</sub> H <sub>6</sub> +OH=>allyl+H <sub>2</sub> O-- >[allyl]allyl+HO <sub>2</sub> =>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	3.95E-03
12	[ipropyl]ipropyloo=>HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> -->[C <sub>3</sub> H <sub>6</sub> ]HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> =>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.77E-03
13	[ipropyl]O <sub>2</sub> +ipropyl=>HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> -->[C <sub>3</sub> H <sub>6</sub> ]C <sub>3</sub> H <sub>6</sub> +HO <sub>2</sub> =>propen1ol+OH-- >[propen1ol]	3.44E-03
14	[ipropyl]ipropyloo=>HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> -->[C <sub>3</sub> H <sub>6</sub> ]H+C <sub>3</sub> H <sub>6</sub> =>npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	3.00E-03
15	[ipropyl]ipropyloo=>HO <sub>2</sub> +C <sub>3</sub> H <sub>6</sub> -->[C <sub>3</sub> H <sub>6</sub> ]H+C <sub>3</sub> H <sub>6</sub> =>npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	3.00E-03

16	<p>[ipropyl]ipropylooo+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylooh+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;OH+prod_1--&gt;[prod_1]prod_1=&gt;frag_1+OH--</p> <p>&gt;[frag_1]frag_1=&gt;vinoxy+CH<sub>2</sub>O--&gt;[vinoxy]vinoxy+O<sub>2</sub>=&gt;CH<sub>2</sub>O+CO+OH--</p> <p>&gt;[CO]</p>	2.32E-03
17	<p>[ipropyl]O<sub>2</sub>+ipropyl=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+HO<sub>2</sub>=&gt;allyl+H<sub>2</sub>O<sub>2</sub>--</p> <p>&gt;[allyl]allyl+HO<sub>2</sub>=&gt;prod_2--&gt;[prod_2]prod_2=&gt;allyloxy+OH--&gt;[allyloxy]</p>	2.22E-03
18	<p>[ipropyl]ipropylooo=&gt;QOOH_3--&gt;[QOOH_3]QOOH_3=&gt;OH+propoxide--</p> <p>&gt;[propoxide]</p>	2.19E-03
19	<p>[ipropyl]ipropylooo=&gt;OH+propoxide--&gt;[propoxide]</p>	1.91E-03
20	<p>[ipropyl]ipropylooo=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]H+C<sub>3</sub>H<sub>6</sub>=&gt;ipropyl--</p> <p>&gt;[ipropyl]ipropylooo+HO<sub>2</sub>=&gt;ipropylooh+O<sub>2</sub>--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--&gt;[ipropyloxy]</p>	1.87E-03
21	<p>[ipropyl]O<sub>2</sub>+ipropyl=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>=&gt;OH+propoxide--</p> <p>&gt;[propoxide]</p>	1.79E-03
22	<p>[ipropyl]O<sub>2</sub>+ipropyl=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+OH=&gt;allyl+H<sub>2</sub>O--</p> <p>&gt;[allyl]allyl+HO<sub>2</sub>=&gt;allyloxy+OH--&gt;[allyloxy]</p>	1.41E-03
23	<p>[ipropyl]O<sub>2</sub>+ipropyl=&gt;OH+propoxide--&gt;[propoxide]</p>	1.19E-03
24	<p>[ipropyl]ipropylooo=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]H+C<sub>3</sub>H<sub>6</sub>=&gt;npropyl--</p> <p>&gt;[npropyl]npropylooo+HO<sub>2</sub>=&gt;npropylooh+O<sub>2</sub>--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--&gt;[npropyloxy]</p>	1.14E-03
25	<p>[ipropyl]ipropylooo+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]CH<sub>3</sub>OO+acetaldehyde=&gt;CH<sub>3</sub>OOH+acetyl--</p> <p>&gt;[CH<sub>3</sub>OOH]CH<sub>3</sub>OOH=&gt;CH<sub>3</sub>O+OH--&gt;[CH<sub>3</sub>O]</p>	9.47E-04
26	<p>[ipropyl]O<sub>2</sub>+ipropyl=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+HO<sub>2</sub>=&gt;allyl+H<sub>2</sub>O<sub>2</sub>--</p> <p>&gt;[allyl]allyl+HO<sub>2</sub>=&gt;allyloxy+OH--&gt;[allyloxy]</p>	8.99E-04
27	<p>[ipropyl]O<sub>2</sub>+ipropyl=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>=&gt;QOOH_2--</p> <p>&gt;[QOOH_2]QOOH_2=&gt;OH+propoxide--&gt;[propoxide]</p>	8.09E-04
28	<p>[ipropyl]ipropylooo=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+OH=&gt;allyl+H<sub>2</sub>O--</p> <p>&gt;[allyl]npropylooo+allyl=&gt;npropyloxy+allyloxy--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--</p> <p>&gt;[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+HO<sub>2</sub>=&gt;CH<sub>3</sub>CH<sub>2</sub>OOH+O<sub>2</sub>--</p> <p>&gt;[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=&gt;ethoxy+OH--&gt;[ethoxy]</p>	7.89E-04

29	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow npropyl--$ $>[npropyl]well\_1 \Rightarrow OH + prod\_1 \rightarrow [prod\_1]prod\_1 \Rightarrow frag\_1 + OH--$ $>[frag\_1]frag\_1 \Rightarrow vinoxy + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH--$ $>[CO]$	7.46E-04
30	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6--$ $>[C_3H_6]C_3H_6 + npropylOO \Rightarrow allyl + npropylOOH--$ $>[npropylOOH]npropylOOH \Rightarrow npropylOxy + OH-- \rightarrow [npropylOxy]$	6.55E-04
31	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + H \Rightarrow allyl + H_2--$ $>[allyl]allyl + HO_2 \Rightarrow prod\_2 \rightarrow [prod\_2]prod\_2 \Rightarrow allylOxy + OH-- \rightarrow [allylOxy]$	6.51E-04
32	$[ipropyl]O_2 + ipropyl \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow npropyl--$ $>[npropyl]well\_1 \Rightarrow OH + prod\_1 \rightarrow [prod\_1]$	6.26E-04
33	$[ipropyl]O_2 + ipropyl \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow npropyl--$ $>[npropyl]well\_1 \Rightarrow OH + prod\_1 \rightarrow [prod\_1]prod\_1 \Rightarrow frag\_1 + OH--$ $>[frag\_1]$	6.26E-04
34	$[ipropyl]ipropylOO + C_3H_8 \Rightarrow ipropylOOH + npropyl--$ $>[ipropylOOH]ipropylOOH \Rightarrow ipropylOxy + OH--$ $>[ipropylOxy]ipropylOxy \Rightarrow CH_3 + acetaldehyde--$ $>[acetaldehyde]CH_3OO + acetaldehyde \Rightarrow CH_3OOH + acetyl--$ $>[CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH-- \rightarrow [CH_3O]$	5.56E-04
35	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + CH_3OO \Rightarrow allyl + CH_3OOH--$ $>[CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH-- \rightarrow [CH_3O]$	5.28E-04
36	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6--$ $>[C_3H_6]C_3H_6 + ipropylOO \Rightarrow allyl + ipropylOOH--$ $>[ipropylOOH]ipropylOOH \Rightarrow ipropylOxy + OH-- \rightarrow [ipropylOxy]$	5.16E-04
37	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]HO_2 + C_3H_6 \Rightarrow QOOH\_3--$ $>[QOOH\_3]QOOH\_3 \Rightarrow OH + propoxide-- \rightarrow [propoxide]$	4.90E-04
38	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6--$ $>[C_3H_6]C_3H_6 + CH_3CH_2OO \Rightarrow allyl + CH_3CH_2OOH--$ $>[CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow ethoxy + OH-- \rightarrow [ethoxy]$	4.56E-04
39	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow ipropyl--$ $>[ipropyl]ipropylOO + CH_2O \Rightarrow ipropylOOH + HCO--$ $>[ipropylOOH]ipropylOOH \Rightarrow ipropylOxy + OH-- \rightarrow [ipropylOxy]$	4.31E-04
40	$[ipropyl]O_2 + ipropyl \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow ipropyl--$ $>[ipropyl]ipropylOO + HO_2 \Rightarrow ipropylOOH + O_2--$ $>[ipropylOOH]ipropylOOH \Rightarrow ipropylOxy + OH-- \rightarrow [ipropylOxy]$	3.85E-04

41	<p>[ipropyl]ipropylooh+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]npropylooh+acetaldehyde=&gt;npropylooh+acetyl--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--&gt;[npropyloxy]</p>	3.34E-04
42	<p>[ipropyl]ipropylooh=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]H+C<sub>3</sub>H<sub>6</sub>=&gt;npropyl--</p> <p>&gt;[npropyl]npropylooh+CH<sub>2</sub>O=&gt;npropylooh+HCO--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--&gt;[npropyloxy]</p>	3.15E-04
43	<p>[ipropyl]O<sub>2</sub>+ipropyl=&gt;QOOH_3--&gt;[QOOH_3]QOOH_3=&gt;OH+propoxide--</p> <p>&gt;[propoxide]</p>	3.13E-04
44	<p>[ipropyl]ipropylooh+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]acetaldehyde+OH=&gt;vinoxy+H<sub>2</sub>O--</p> <p>&gt;[vinoxy]vinoxy+O<sub>2</sub>=&gt;CH<sub>2</sub>O+CO+OH--&gt;[CO]</p>	3.02E-04
45	<p>[ipropyl]ipropylooh=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+OH=&gt;allyl+H<sub>2</sub>O--</p> <p>&gt;[allyl]allyl+HO<sub>2</sub>=&gt;prod_2--&gt;[prod_2]prod_2=&gt;allyloxy+OH--</p> <p>&gt;[allyloxy]allyloxy=&gt;acrolein+H--</p> <p>&gt;[acrolein]acrolein+HO<sub>2</sub>=&gt;CH<sub>2</sub>CHCO+H<sub>2</sub>O<sub>2</sub>--</p> <p>&gt;[CH<sub>2</sub>CHCO]CH<sub>2</sub>CHCO+O<sub>2</sub>=&gt;vinoxy+CO<sub>2</sub>--</p> <p>&gt;[vinoxy]vinoxy+O<sub>2</sub>=&gt;CH<sub>2</sub>O+CO+OH--&gt;[CO]</p>	2.86E-04
46	<p>[ipropyl]ipropylooh+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]acetaldehyde+HO<sub>2</sub>=&gt;acetyl+H<sub>2</sub>O<sub>2</sub>--</p> <p>&gt;[acetyl]acetylperoxy+HO<sub>2</sub>=&gt;CH<sub>3</sub>CO<sub>3</sub>H+O<sub>2</sub>--</p> <p>&gt;[CH<sub>3</sub>CO<sub>3</sub>H]CH<sub>3</sub>CO<sub>3</sub>H=&gt;acetyloxy+OH--&gt;[acetyloxy]</p>	2.83E-04
47	<p>[ipropyl]ipropylooh+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]ipropylooh+acetaldehyde=&gt;ipropylooh+acetyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--&gt;[ipropyloxy]</p>	2.71E-04
48	<p>[ipropyl]ipropylooh=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+H=&gt;allyl+H<sub>2</sub>--</p> <p>&gt;[allyl]allyl+HO<sub>2</sub>=&gt;allyloxy+OH--&gt;[allyloxy]</p>	2.49E-04
49	<p>[ipropyl]O<sub>2</sub>+ipropyl=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]H+C<sub>3</sub>H<sub>6</sub>=&gt;npropyl--</p> <p>&gt;[npropyl]npropylooh+HO<sub>2</sub>=&gt;npropylooh+O<sub>2</sub>--</p> <p>&gt;[npropylooh]npropylooh=&gt;npropyloxy+OH--&gt;[npropyloxy]</p>	2.37E-04

50	<p>[ipropyl]ipropylooh+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]acetaldehyde+HO<sub>2</sub>=&gt;acetyl+H<sub>2</sub>O<sub>2</sub>--</p> <p>&gt;[acetyl]H<sub>2</sub>O<sub>2</sub>+acetylperoxy=&gt;HO<sub>2</sub>+CH<sub>3</sub>CO<sub>3</sub>H--</p> <p>&gt;[CH<sub>3</sub>CO<sub>3</sub>H]CH<sub>3</sub>CO<sub>3</sub>H=&gt;acetyloxy+OH--&gt;[acetyloxy]</p>	2.35E-04
51	<p>[ipropyl]ipropylooh=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]H+C<sub>3</sub>H<sub>6</sub>=&gt;npropyl--</p> <p>&gt;[npropyl]npropylooh=&gt;OH+propoxide--&gt;[propoxide]</p>	2.34E-04
52	<p>[ipropyl]ipropylooh+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylooh+npropyl--</p> <p>&gt;[npropyl]well_1=&gt;HO<sub>2</sub>+prod_2--&gt;[prod_2]prod_2=&gt;allyloxy+OH--</p> <p>&gt;[allyloxy]</p>	2.31E-04
53	<p>[ipropyl]ipropylooh=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+HO<sub>2</sub>=&gt;allyl+H<sub>2</sub>O<sub>2</sub>--</p> <p>&gt;[allyl]npropylooh+allyl=&gt;npropyloxy+allyloxy--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--</p> <p>&gt;[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+HO<sub>2</sub>=&gt;CH<sub>3</sub>CH<sub>2</sub>OOH+O<sub>2</sub>--</p> <p>&gt;[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=&gt;ethoxy+OH--&gt;[ethoxy]</p>	2.22E-04
54	<p>[ipropyl]ipropylooh=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]H+C<sub>3</sub>H<sub>6</sub>=&gt;ipropyl--</p> <p>&gt;[ipropyl]ipropylooh=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+HO<sub>2</sub>=&gt;propen1ol+OH--</p> <p>&gt;[propen1ol]</p>	2.19E-04
55	<p>[ipropyl]ipropylooh=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+OH=&gt;allyl+H<sub>2</sub>O--</p> <p>&gt;[allyl]allyl+HO<sub>2</sub>=&gt;prod_2--&gt;[prod_2]prod_2=&gt;allyloxy+OH--</p> <p>&gt;[allyloxy]allyloxy=&gt;acrolein+H--</p> <p>&gt;[acrolein]acrolein+CH<sub>3</sub>OO=&gt;CH<sub>2</sub>CHCO+CH<sub>3</sub>OOH--</p> <p>&gt;[CH<sub>3</sub>OOH]CH<sub>3</sub>OOH=&gt;CH<sub>3</sub>O+OH--&gt;[CH<sub>3</sub>O]</p>	2.11E-04
56	<p>[ipropyl]ipropylooh=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]H+C<sub>3</sub>H<sub>6</sub>=&gt;ipropyl--</p> <p>&gt;[ipropyl]ipropylooh=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+OH=&gt;allyl+H<sub>2</sub>O--</p> <p>&gt;[allyl]allyl+HO<sub>2</sub>=&gt;prod_2--&gt;[prod_2]prod_2=&gt;allyloxy+OH--&gt;[allyloxy]</p>	2.06E-04
57	<p>[ipropyl]ipropylooh=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+OH=&gt;allyl+H<sub>2</sub>O--</p> <p>&gt;[allyl]npropylooh+allyl=&gt;npropyloxy+allyloxy--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--</p> <p>&gt;[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+CH<sub>2</sub>O=&gt;CH<sub>3</sub>CH<sub>2</sub>OOH+HCO--</p> <p>&gt;[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=&gt;ethoxy+OH--&gt;[ethoxy]</p>	1.97E-04
58	<p>[ipropyl]ipropylooh=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>=&gt;ipropylooh--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropylooh+O<sub>2</sub>--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--&gt;[ipropyloxy]</p>	1.94E-04

59	<p>[ipropyl]ipropyloo=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--</p> <p>&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+npropyloo=&gt;allyl+npropylooh--&gt;[allyl]allyl+HO<sub>2</sub>=&gt;prod_2--</p> <p>&gt;[prod_2]prod_2=&gt;allyloxy+OH--&gt;[allyloxy]</p>	1.91E-04
60	<p>[ipropyl]ipropyloo+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylooh+npropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]acetaldehyde+OH=&gt;vinoxy+H<sub>2</sub>O--</p> <p>&gt;[vinoxy]vinoxy+O<sub>2</sub>=&gt;CH<sub>2</sub>O+CO+OH--&gt;[CO]</p>	1.76E-04
61	<p>[ipropyl]ipropyloo+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylooh+npropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]acetaldehyde+HO<sub>2</sub>=&gt;acetyl+H<sub>2</sub>O<sub>2</sub>--</p> <p>&gt;[acetyl]acetylperoxy+HO<sub>2</sub>=&gt;CH<sub>3</sub>CO<sub>3</sub>H+O<sub>2</sub>--</p> <p>&gt;[CH<sub>3</sub>CO<sub>3</sub>H]CH<sub>3</sub>CO<sub>3</sub>H=&gt;acetyloxy+OH--&gt;[acetyloxy]</p>	1.70E-04
62	<p>[ipropyl]ipropyloo=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+OH=&gt;propen2yl+H<sub>2</sub>O--</p> <p>&gt;[propen2yl]propen2yl+O<sub>2</sub>=&gt;acetyl+CH<sub>2</sub>O--</p> <p>&gt;[acetyl]acetylperoxy+HO<sub>2</sub>=&gt;CH<sub>3</sub>CO<sub>3</sub>H+O<sub>2</sub>--</p> <p>&gt;[CH<sub>3</sub>CO<sub>3</sub>H]CH<sub>3</sub>CO<sub>3</sub>H=&gt;acetyloxy+OH--&gt;[acetyloxy]</p>	1.66E-04
63	<p>[ipropyl]ipropyloo=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]H+C<sub>3</sub>H<sub>6</sub>=&gt;ipropyl--</p> <p>&gt;[ipropyl]ipropyloo+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylooh+ipropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--&gt;[ipropyloxy]</p>	1.66E-04
64	<p>[ipropyl]ipropyloo=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]H+C<sub>3</sub>H<sub>6</sub>=&gt;ipropyl--</p> <p>&gt;[ipropyl]ipropyloo=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+HO<sub>2</sub>=&gt;allyl+H<sub>2</sub>O<sub>2</sub>--</p> <p>&gt;[allyl]allyl+HO<sub>2</sub>=&gt;prod_2--&gt;[prod_2]prod_2=&gt;allyloxy+OH--&gt;[allyloxy]</p>	1.63E-04
65	<p>[ipropyl]O<sub>2</sub>+ipropyl=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+OH=&gt;allyl+H<sub>2</sub>O--</p> <p>&gt;[allyl]npropyloo+allyl=&gt;npropyloxy+allyloxy--</p> <p>&gt;[npropyloxy]npropyloxy=&gt;C<sub>2</sub>H<sub>5</sub>+CH<sub>2</sub>O--</p> <p>&gt;[C<sub>2</sub>H<sub>5</sub>]CH<sub>3</sub>CH<sub>2</sub>OO+HO<sub>2</sub>=&gt;CH<sub>3</sub>CH<sub>2</sub>OOH+O<sub>2</sub>--</p> <p>&gt;[CH<sub>3</sub>CH<sub>2</sub>OOH]CH<sub>3</sub>CH<sub>2</sub>OOH=&gt;ethoxy+OH--&gt;[ethoxy]</p>	1.63E-04
66	<p>[ipropyl]ipropyloo+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylooh+npropyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--</p> <p>&gt;[ipropyloxy]ipropyloxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]ipropyloo+acetaldehyde=&gt;ipropylooh+acetyl--</p> <p>&gt;[ipropylooh]ipropylooh=&gt;ipropyloxy+OH--&gt;[ipropyloxy]</p>	1.58E-04

67	$[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow npropyl$ -- $>[npropyl]well\_1 \Rightarrow HO_2 + prod\_2 \rightarrow [prod\_2]prod\_2 \Rightarrow allyloxy + OH$ -- $>[allyloxy]$	1.58E-04
68	$[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + CH_3OO \Rightarrow allyl + CH_3OOH$ -- $>[allyl]allyl + HO_2 \Rightarrow prod\_2 \rightarrow [prod\_2]prod\_2 \Rightarrow allyloxy + OH$ -- $>[allyloxy]$	1.58E-04
69	$[ipropyl]O_2 + ipropyl \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow npropyl$ -- $>[npropyl]well\_1 \Rightarrow OH + prod\_1 \rightarrow [prod\_1]prod\_1 \Rightarrow frag\_1 + OH$ -- $>[frag\_1]frag\_1 \Rightarrow vinoxy + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH$ -- $>[CO]$	1.57E-04
70	$[ipropyl]O_2 + ipropyl \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + H \Rightarrow allyl + H_2$ -- $>[allyl]allyl + HO_2 \Rightarrow prod\_2 \rightarrow [prod\_2]prod\_2 \Rightarrow allyloxy + OH$ -- $>[allyloxy]$	1.37E-04
71	$[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + npropyl$ -- $>[ipropylooh]ipropylooh \Rightarrow ipropyloxy + OH$ -- $>[ipropyloxy]ipropyloxy \Rightarrow CH_3 + acetaldehyde$ -- $>[acetaldehyde]acetaldehyde + HO_2 \Rightarrow acetyl + H_2O_2$ -- $>[acetyl]H_2O_2 + acetylperoxy \Rightarrow HO_2 + CH_3CO_3H$ -- $>[CH_3CO_3H]CH_3CO_3H \Rightarrow acetyloxy + OH$ -- $>[acetyloxy]$	1.37E-04
72	$[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + OH \Rightarrow allyl + H_2O$ -- $>[allyl]npropylo + allyl \Rightarrow npropyloxy + allyloxy$ -- $>[allyloxy]allyloxy \Rightarrow acrolein + H$ -- $>[acrolein]acrolein + HO_2 \Rightarrow CH_2CHCO + H_2O_2$ -- $>[CH_2CHCO]CH_2CHCO + O_2 \Rightarrow vinoxy + CO_2$ -- $>[vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH$ -- $>[CO]$	1.36E-04
73	$[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + OH \Rightarrow allyl + H_2O$ -- $>[allyl]npropylo + allyl \Rightarrow npropyloxy + allyloxy$ -- $>[npropyloxy]npropyloxy \Rightarrow C_2H_5 + CH_2O$ -- $>[C_2H_5]CH_3CH_2OO + C_3H_8 \Rightarrow CH_3CH_2OOH + ipropyl$ -- $>[CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow ethoxy + OH$ -- $>[ethoxy]$	1.25E-04
74	$[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow npropyl$ -- $>[npropyl]npropylo + HO_2 \Rightarrow npropylooh + O_2$ -- $>[npropylooh]npropylooh \Rightarrow npropyloxy + OH$ -- $>[npropyloxy]npropyloxy \Rightarrow C_2H_5 + CH_2O$ -- $>[C_2H_5]CH_3CH_2OO + HO_2 \Rightarrow CH_3CH_2OOH + O_2$ -- $>[CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow ethoxy + OH$ -- $>[ethoxy]$	1.21E-04

75	$[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow ipropyl$ $>[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + npropyl$ $>[ipropylooh]ipropylooh \Rightarrow ipropyloxy + OH \rightarrow [ipropyloxy]$	1.21E-04
76	$[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow ipropyl$ $>[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]HO_2 + C_3H_6 \Rightarrow OH + propoxide$ $>[propoxide]$	1.19E-04
77	$[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + OH \Rightarrow propen2yl + H_2O$ $>[propen2yl]propen2yl + O_2 \Rightarrow acetyl + CH_2O$ $>[acetyl]H_2O_2 + acetylperoxy \Rightarrow HO_2 + CH_3CO_3H$ $>[CH_3CO_3H]CH_3CO_3H \Rightarrow acetyloxy + OH \rightarrow [acetyloxy]$	1.14E-04
78	$[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + OH \Rightarrow allyl + H_2O$ $>[allyl]ipropylo + allyl \Rightarrow ipropyloxy + allyloxy$ $>[allyloxy]allyloxy \Rightarrow acrolein + H$ $>[acrolein]acrolein + HO_2 \Rightarrow CH_2CHCO + H_2O_2$ $>[CH_2CHCO]CH_2CHCO + O_2 \Rightarrow vinoxy + CO_2$ $>[vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$	1.13E-04
79	$[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + HO_2 \Rightarrow allyl + H_2O_2$ $>[allyl]allyl + HO_2 \Rightarrow prod\_2 \rightarrow [prod\_2]prod\_2 \Rightarrow allyloxy + OH$ $>[allyloxy]allyloxy \Rightarrow acrolein + H$ $>[acrolein]acrolein + HO_2 \Rightarrow CH_2CHCO + H_2O_2$ $>[CH_2CHCO]CH_2CHCO + O_2 \Rightarrow vinoxy + CO_2$ $>[vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$	1.13E-04
80	$[ipropyl]O_2 + ipropyl \Rightarrow HO_2 + C_3H_6$ $>[C_3H_6]C_3H_6 + ipropylo \Rightarrow allyl + ipropylooh$ $>[ipropylooh]ipropylooh \Rightarrow ipropyloxy + OH \rightarrow [ipropyloxy]$	1.06E-04
81	$[ipropyl]ipropylo + C_3H_8 \Rightarrow ipropylooh + npropyl$ $>[npropyl]npropylo \Rightarrow OH + propoxide \rightarrow [propoxide]$	1.04E-04
82	$[ipropyl]ipropylo \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + OH \Rightarrow allyl + H_2O$ $>[allyl]allyl + CH_3OO \Rightarrow allyloxy + CH_3O \rightarrow [allyloxy]allyloxy \Rightarrow acrolein + H$ $>[acrolein]acrolein + HO_2 \Rightarrow CH_2CHCO + H_2O_2$ $>[CH_2CHCO]CH_2CHCO + O_2 \Rightarrow vinoxy + CO_2$ $>[vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$	1.03E-04
83	$[ipropyl]O_2 + ipropyl \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]HO_2 + C_3H_6 \Rightarrow QOOH\_3$ $>[QOOH\_3]QOOH\_3 \Rightarrow OH + propoxide \rightarrow [propoxide]$	1.03E-04
84	$[ipropyl]ipropylo \Rightarrow QOOH\_3 \rightarrow [QOOH\_3]well\_3 \Rightarrow well\_2$ $>[well\_2]QOOH\_2 \Rightarrow OH + propoxide \rightarrow [propoxide]$	1.02E-04



85	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow ipropyl\cdot$ $>[ipropyl]ipropyl + HO_2 \Rightarrow ipropylOxy + OH \rightarrow [ipropylOxy]$	9.58E-05
86	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + OH \Rightarrow allyl + H_2O \cdot$ $>[allyl]allyl + HO_2 \Rightarrow allylOxy + OH \rightarrow [allylOxy]allylOxy \Rightarrow acrolein + H \cdot$ $>[acrolein]acrolein + HO_2 \Rightarrow CH_2CHCO + H_2O_2 \cdot$ $>[CH_2CHCO]CH_2CHCO + O_2 \Rightarrow vinoxyl + CO_2 \cdot$ $>[vinoxyl]vinoxyl + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$	9.33E-05
87	$[ipropyl]O_2 + ipropyl \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow ipropyl\cdot$ $>[ipropyl]ipropylOO + CH_2O \Rightarrow ipropylOOH + HCO \cdot$ $>[ipropylOOH]ipropylOOH \Rightarrow ipropylOxy + OH \rightarrow [ipropylOxy]$	9.12E-05
88	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow ipropyl\cdot$ $>[ipropyl]O_2 + ipropyl \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + HO_2 \Rightarrow propen1ol + OH \cdot$ $>[propen1ol]$	7.96E-05
89	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + HO_2 \Rightarrow propen1ol + OH \cdot$ $>[propen1ol]propen1ol + HO_2 \Rightarrow CH_2O + C_2H_3 + H_2O_2 \cdot$ $>[C_2H_3]C_2H_3 + O_2 \Rightarrow O + vinoxyl \rightarrow [vinoxyl]vinoxyl + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$	7.29E-05
90	$[ipropyl]ipropylOO + C_3H_8 \Rightarrow ipropylOOH + npropyl\cdot$ $>[npropyl]npropylOO \Rightarrow QOOH_2 \rightarrow [QOOH_2]QOOH_2 \Rightarrow OH + propoxide \cdot$ $\rightarrow [propoxide]$	7.26E-05
91	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow npropyl\cdot$ $>[npropyl]npropylOO \Rightarrow QOOH_2 \rightarrow [QOOH_2]QOOH_2 \Rightarrow OH + propoxide \cdot$ $\rightarrow [propoxide]$	7.25E-05
92	$[ipropyl]ipropylOO + C_3H_8 \Rightarrow ipropylOOH + ipropyl\cdot$ $>[ipropylOOH]ipropylOOH \Rightarrow ipropylOxy + OH \cdot$ $>[ipropylOxy]ipropylOxy \Rightarrow CH_3 + acetaldehyde \cdot$ $>[acetaldehyde]CH_3OO + acetaldehyde \Rightarrow CH_3OOH + acetyl\cdot$ $>[acetyl]acetylperoxy + HO_2 \Rightarrow CH_3CO_3H + O_2 \cdot$ $>[CH_3CO_3H]CH_3CO_3H \Rightarrow acetyloxy + OH \rightarrow [acetyloxy]$	7.01E-05
93	$[ipropyl]ipropylOO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + HO_2 \Rightarrow propen1ol + OH \cdot$ $>[propen1ol]propen1ol + OH \Rightarrow CH_2O + C_2H_3 + H_2O \cdot$ $>[C_2H_3]C_2H_3 + O_2 \Rightarrow O + vinoxyl \rightarrow [vinoxyl]vinoxyl + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$	6.99E-05

94	<p>[ipropyl]ipropylOO=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+HO<sub>2</sub>=&gt;propen1ol+OH--</p> <p>&gt;[propen1ol]propen1ol+H=&gt;C<sub>3</sub>H<sub>6</sub>+OH--&gt;[C<sub>3</sub>H<sub>6</sub>]</p>	6.86E-05
95	<p>[ipropyl]ipropylOO=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+OH=&gt;allyl+H<sub>2</sub>O--</p> <p>&gt;[allyl]allyl+HO<sub>2</sub>=&gt;prod_2--&gt;[prod_2]prod_2=&gt;allyloxy+OH--</p> <p>&gt;[allyloxy]allyloxy=&gt;acrolein+H--</p> <p>&gt;[acrolein]acrolein+HO<sub>2</sub>=&gt;CH<sub>2</sub>CHCO+H<sub>2</sub>O<sub>2</sub>--</p> <p>&gt;[CH<sub>2</sub>CHCO]CH<sub>2</sub>CHCO=&gt;C<sub>2</sub>H<sub>3</sub>+CO--&gt;[C<sub>2</sub>H<sub>3</sub>]C<sub>2</sub>H<sub>3</sub>+O<sub>2</sub>=&gt;O+vinoxy--</p> <p>&gt;[vinoxy]vinoxy+O<sub>2</sub>=&gt;CH<sub>2</sub>O+CO+OH--&gt;[CO]</p>	6.50E-05
96	<p>[ipropyl]ipropylOO=&gt;HO<sub>2</sub>+C<sub>3</sub>H<sub>6</sub>--&gt;[C<sub>3</sub>H<sub>6</sub>]C<sub>3</sub>H<sub>6</sub>+OH=&gt;allyl+H<sub>2</sub>O--</p> <p>&gt;[allyl]allyl+HO<sub>2</sub>=&gt;prod_2--&gt;[prod_2]prod_2=&gt;allyloxy+OH--</p> <p>&gt;[allyloxy]allyloxy=&gt;C<sub>2</sub>H<sub>3</sub>+CH<sub>2</sub>O--&gt;[C<sub>2</sub>H<sub>3</sub>]C<sub>2</sub>H<sub>3</sub>+O<sub>2</sub>=&gt;O+vinoxy--</p> <p>&gt;[vinoxy]vinoxy+O<sub>2</sub>=&gt;CH<sub>2</sub>O+CO+OH--&gt;[CO]</p>	6.43E-05
97	<p>[ipropyl]ipropylOO+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylOOH+ipropyl--</p> <p>&gt;[ipropylOOH]ipropylOOH=&gt;ipropylOxy+OH--</p> <p>&gt;[ipropylOxy]ipropylOxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]acetaldehyde+HO<sub>2</sub>=&gt;acetyl+H<sub>2</sub>O<sub>2</sub>--</p> <p>&gt;[acetyl]CH<sub>2</sub>O+acetylperoxy=&gt;HCO+CH<sub>3</sub>CO<sub>3</sub>H--</p> <p>&gt;[CH<sub>3</sub>CO<sub>3</sub>H]CH<sub>3</sub>CO<sub>3</sub>H=&gt;acetylOxy+OH--&gt;[acetylOxy]</p>	5.92E-05
98	<p>[ipropyl]ipropylOO+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylOOH+ipropyl--</p> <p>&gt;[ipropylOOH]ipropylOOH=&gt;ipropylOxy+OH--</p> <p>&gt;[ipropylOxy]ipropylOxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]CH<sub>3</sub>OO+acetaldehyde=&gt;CH<sub>3</sub>OOH+acetyl--</p> <p>&gt;[acetyl]H<sub>2</sub>O<sub>2</sub>+acetylperoxy=&gt;HO<sub>2</sub>+CH<sub>3</sub>CO<sub>3</sub>H--</p> <p>&gt;[CH<sub>3</sub>CO<sub>3</sub>H]CH<sub>3</sub>CO<sub>3</sub>H=&gt;acetylOxy+OH--&gt;[acetylOxy]</p>	3.69E-05
99	<p>[ipropyl]ipropylOO+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylOOH+ipropyl--</p> <p>&gt;[ipropylOOH]ipropylOOH=&gt;ipropylOxy+OH--</p> <p>&gt;[ipropylOxy]ipropylOxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]acetaldehyde+acetylperoxy=&gt;acetyl+CH<sub>3</sub>CO<sub>3</sub>H--</p> <p>&gt;[CH<sub>3</sub>CO<sub>3</sub>H]CH<sub>3</sub>CO<sub>3</sub>H=&gt;acetylOxy+OH--&gt;[acetylOxy]</p>	3.08E-05
100	<p>[ipropyl]ipropylOO+C<sub>3</sub>H<sub>8</sub>=&gt;ipropylOOH+ipropyl--</p> <p>&gt;[ipropylOOH]ipropylOOH=&gt;ipropylOxy+OH--</p> <p>&gt;[ipropylOxy]ipropylOxy=&gt;CH<sub>3</sub>+acetaldehyde--</p> <p>&gt;[acetaldehyde]acetaldehyde+HO<sub>2</sub>=&gt;acetyl+H<sub>2</sub>O<sub>2</sub>--</p> <p>&gt;[acetyl]acetaldehyde+acetylperoxy=&gt;acetyl+CH<sub>3</sub>CO<sub>3</sub>H--</p> <p>&gt;[CH<sub>3</sub>CO<sub>3</sub>H]CH<sub>3</sub>CO<sub>3</sub>H=&gt;acetylOxy+OH--&gt;[acetylOxy]</p>	1.66E-05