

	t0	0.00E+00
	tf	9.00E-01
1	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]$	7.48E-01
2	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1] OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1]$	7.48E-01
3	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1] OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1] OQ'O_1 \Rightarrow vinox + CH_2O \rightarrow [vinox] vinox + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$	7.48E-01
4	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1] OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1] OQ'O_1 \Rightarrow vinox + CH_2O \rightarrow [CH_2O] CH_3OO + CH_2O \Rightarrow CH_3OOH + HCO \rightarrow [CH_3OOH] CH_3OOH \Rightarrow CH_3O + OH \rightarrow [CH_3O]$	4.21E-02
5	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1] OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1] OQ'O_1 \Rightarrow vinox + CH_2O \rightarrow [vinox] vinox + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CH_2O] CH_3OO + CH_2O \Rightarrow CH_3OOH + HCO \rightarrow [CH_3OOH] CH_3OOH \Rightarrow CH_3O + OH \rightarrow [CH_3O]$	4.20E-02
6	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1] OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1] OQ'O_1 \Rightarrow vinox + CH_2O \rightarrow [CH_2O] CH_3CH_2OO + CH_2O \Rightarrow CH_3CH_2OOH + HCO \rightarrow [CH_3CH_2OOH] CH_3CH_2OOH \Rightarrow ethoxy + OH \rightarrow [ethoxy]$	4.20E-02
7	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1] OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1] OQ'O_1 \Rightarrow vinox + CH_2O \rightarrow [vinox] vinox + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CH_2O] CH_3CH_2OO + CH_2O \Rightarrow CH_3CH_2OOH + HCO \rightarrow [CH_3CH_2OOH] CH_3CH_2OOH \Rightarrow ethoxy + OH \rightarrow [ethoxy]$	4.20E-02
8	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1] OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1] OQ'O_1 \Rightarrow vinox + CH_2O \rightarrow [CH_2O] nROO + CH_2O \Rightarrow nROOH + HCO \rightarrow [nROOH] nROOH \Rightarrow nRO + OH \rightarrow [nRO]$	3.71E-02
9	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1] OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1] OQ'O_1 \Rightarrow vinox + CH_2O \rightarrow [vinox] vinox + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CH_2O] nROO + CH_2O \Rightarrow nROOH + HCO \rightarrow [nROOH] nROOH \Rightarrow nRO + OH \rightarrow [nRO]$	3.71E-02
10	$[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [nROOH] nROOH \Rightarrow nRO + OH \rightarrow [nRO]$	3.57E-02
11	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1] OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1] OQ'O_1 \Rightarrow vinox + CH_2O \rightarrow [CH_2O] iROO + CH_2O \Rightarrow iROOH + HCO \rightarrow [iROOH] iROOH \Rightarrow iRO + OH \rightarrow [iRO]$	3.14E-02
12	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1] OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1] OQ'O_1 \Rightarrow vinox + CH_2O \rightarrow [vinox] vinox + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CH_2O] iROO + CH_2O \Rightarrow iROOH + HCO \rightarrow [iROOH] iROOH \Rightarrow iRO + OH \rightarrow [iRO]$	3.13E-02

13	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $>[OQ'O_1]OQ'O_1 \Rightarrow \text{vinoxy} + CH_2O \rightarrow [CH_2O]CH_3CH_2OO + CH_2O \Rightarrow CH_3CH_2OOH + HCO \rightarrow$ $>[CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow \text{ethoxy} + OH \rightarrow [ethoxy]ethoxy \Rightarrow CH_3 + CH_2O \rightarrow$ $>[CH_3]CH_3OO + HO_2 \Rightarrow CH_3OOH + O_2 \rightarrow [CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH \rightarrow [CH_3O]$ </p>	2.49E-02
14	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $>[OQ'O_1]OQ'O_1 \Rightarrow \text{vinoxy} + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow$ $>[CH_2O]CH_3CH_2OO + CH_2O \Rightarrow CH_3CH_2OOH + HCO \rightarrow$ $>[CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow \text{ethoxy} + OH \rightarrow [ethoxy]ethoxy \Rightarrow CH_3 + CH_2O \rightarrow$ $>[CH_3]CH_3OO + HO_2 \Rightarrow CH_3OOH + O_2 \rightarrow [CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH \rightarrow [CH_3O]$ </p>	2.48E-02
15	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + nR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH \rightarrow [nRO]$ </p>	2.08E-02
16	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $>[OQ'O_1]OQ'O_1 \Rightarrow \text{vinoxy} + CH_2O \rightarrow [CH_2O]iROO + CH_2O \Rightarrow iROOH + HCO \rightarrow$ $>[iROOH]iROOH \Rightarrow iRO + OH \rightarrow [iRO]iRO \Rightarrow CH_3 + \text{acetaldehyde} \rightarrow$ $>[CH_3]CH_3OO + HO_2 \Rightarrow CH_3OOH + O_2 \rightarrow [CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH \rightarrow [CH_3O]$ </p>	1.90E-02
17	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $>[OQ'O_1]OQ'O_1 \Rightarrow \text{vinoxy} + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow$ $>[CH_2O]iROO + CH_2O \Rightarrow iROOH + HCO \rightarrow [iROOH]iROOH \Rightarrow iRO + OH \rightarrow$ $>[iRO]iRO \Rightarrow CH_3 + \text{acetaldehyde} \rightarrow [CH_3]CH_3OO + HO_2 \Rightarrow CH_3OOH + O_2 \rightarrow$ $>[CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH \rightarrow [CH_3O]$ </p>	1.90E-02
18	<p> $[nR]O_2QOOH_1 \Rightarrow HO_2 + \text{prod}_2 \rightarrow [\text{prod}_2]\text{prod}_2 \Rightarrow \text{allyloxy} + OH \rightarrow [allyloxy]$ </p>	1.86E-02
19	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH \rightarrow$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + C_3H_8 \Rightarrow CH_3CH_2OOH + iR \rightarrow$ $>[CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow \text{ethoxy} + OH \rightarrow [ethoxy]$ </p>	9.54E-03
20	<p> $[nR]nROO \Rightarrow OH + \text{propoxide} \rightarrow [\text{propoxide}]$ </p>	8.96E-03
21	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $>[OQ'O_1]OQ'O_1 \Rightarrow \text{vinoxy} + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow$ $>[CH_2O]nROO + CH_2O \Rightarrow nROOH + HCO \rightarrow [nROOH]nROOH \Rightarrow nRO + OH \rightarrow$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + HO_2 \Rightarrow CH_3CH_2OOH + O_2 \rightarrow$ $>[CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow \text{ethoxy} + OH \rightarrow [ethoxy]$ </p>	8.60E-03
22	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $>[OQ'O_1]OQ'O_1 \Rightarrow \text{vinoxy} + CH_2O \rightarrow [CH_2O]nROO + CH_2O \Rightarrow nROOH + HCO \rightarrow$ $>[nROOH]nROOH \Rightarrow nRO + OH \rightarrow [nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow$ $>[C_2H_5]CH_3CH_2OO + HO_2 \Rightarrow CH_3CH_2OOH + O_2 \rightarrow [CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow \text{ethoxy} + OH \rightarrow$ $>[ethoxy]$ </p>	8.56E-03

23	$[nR]nROO \Rightarrow QOOH_2 \rightarrow [QOOH_2]QOOH_2 \Rightarrow OH + propoxide \rightarrow [propoxide]$	6.29E-03
24	$[nR]O_2 + QOOH_1 \Rightarrow OH + OH + OQ'O_1 \rightarrow [OQ'O_1]$	5.79E-03
25	$[nR]O_2 + QOOH_1 \Rightarrow OH + OH + OQ'O_1 \rightarrow [OQ'O_1]OQ'O_1 \Rightarrow vinoxyl + CH_2O \rightarrow [vinoxyl]vinoxyl + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$	5.79E-03
26	$[nR]nROO + C_3H_8 \Rightarrow nROOH + nR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH \rightarrow [nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + C_3H_8 \Rightarrow CH_3CH_2OOH + iR \rightarrow [CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow ethoxy + OH \rightarrow [ethoxy]$	5.57E-03
27	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1]OQ'O_1 \Rightarrow vinoxyl + CH_2O \rightarrow [CH_2O]nROO + CH_2O \Rightarrow nROOH + HCO \rightarrow [nROOH]nROOH \Rightarrow nRO + OH \rightarrow [nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + HO_2 \Rightarrow CH_3CH_2OOH + O_2 \rightarrow [CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow ethoxy + OH \rightarrow [ethoxy]ethoxy \Rightarrow CH_3 + CH_2O \rightarrow [CH_3]CH_3OO + HO_2 \Rightarrow CH_3OOH + O_2 \rightarrow [CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH \rightarrow [CH_3O]$	5.10E-03
28	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1]OQ'O_1 \Rightarrow vinoxyl + CH_2O \rightarrow [CH_2O]iROO + CH_2O \Rightarrow iROOH + HCO \rightarrow [iROOH]iROOH \Rightarrow iRO + OH \rightarrow [iRO]iRO \Rightarrow CH_3 + acetaldehyde \rightarrow [acetaldehyde]acetaldehyde + HO_2 \Rightarrow acetyl + H_2O_2 \rightarrow [acetyl]acetyl(+M) \Rightarrow CH_3 + CO(+M) \rightarrow [CH_3]CH_3OO + HO_2 \Rightarrow CH_3OOH + O_2 \rightarrow [CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH \rightarrow [CH_3O]$	3.76E-03
29	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1]OQ'O_1 \Rightarrow vinoxyl + CH_2O \rightarrow [CH_2O]nROO + CH_2O \Rightarrow nROOH + HCO \rightarrow [nROOH]nROOH \Rightarrow nRO + OH \rightarrow [nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + CH_2O \Rightarrow CH_3CH_2OOH + HCO \rightarrow [CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow ethoxy + OH \rightarrow [ethoxy]$	3.69E-03
30	$[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + OH \Rightarrow allyl + H_2O \rightarrow [allyl]allyl + HO_2 \Rightarrow prod_2 \rightarrow [prod_2]prod_2 \Rightarrow allyloxy + OH \rightarrow [allyloxy]$	3.45E-03
31	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1]OQ'O_1 \Rightarrow vinoxyl + CH_2O \rightarrow [CH_2O]CH_3CH_2OO + CH_2O \Rightarrow CH_3CH_2OOH + HCO \rightarrow [CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow ethoxy + OH \rightarrow [ethoxy]ethoxy \Rightarrow CH_3 + CH_2O \rightarrow [CH_3]CH_3OO + CH_2O \Rightarrow CH_3OOH + HCO \rightarrow [CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH \rightarrow [CH_3O]$	3.32E-03
32	$[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH \rightarrow [nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + C_3H_8 \Rightarrow CH_3CH_2OOH + nR \rightarrow [CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow ethoxy + OH \rightarrow [ethoxy]$	3.19E-03
33	$[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + HO_2 \Rightarrow propen1ol + OH \rightarrow [propen1ol]$	3.00E-03

34	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + C_3H_8 \Rightarrow CH_3CH_2OOH + nR--$ $>[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1]$ </p>	2.44E-03
35	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + C_3H_8 \Rightarrow CH_3CH_2OOH + nR--$ $>[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH--$ $>[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$ </p>	2.44E-03
36	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + C_3H_8 \Rightarrow CH_3CH_2OOH + nR--$ $>[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]$ </p>	2.44E-03
37	<p> $[nR]O_2QOOH_1 \Rightarrow HO_2 + prod_2 \rightarrow [prod_2]prod_2 \Rightarrow allyloxy + OH--$ $>[allyloxy]allyloxy \Rightarrow acrolein + H \rightarrow [acrolein]acrolein + HO_2 \Rightarrow CH_2CHCO + H_2O_2--$ $>[CH_2CHCO]CH_2CHCO + O_2 \Rightarrow vinoxy + CO_2 \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$ </p>	2.06E-03
38	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [CH_2O]CH_3CH_2OO + CH_2O \Rightarrow CH_3CH_2OOH + HCO--$ $>[CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow ethoxy + OH \rightarrow [ethoxy]$ </p>	2.00E-03
39	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [CH_2O]CH_3OO + CH_2O \Rightarrow CH_3OOH + HCO--$ $>[CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH \rightarrow [CH_3O]$ </p>	2.00E-03
40	<p> $[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + HO_2 \Rightarrow allyl + H_2O_2 \rightarrow [allyl]allyl + HO_2 \Rightarrow prod_2--$ $>[prod_2]prod_2 \Rightarrow allyloxy + OH \rightarrow [allyloxy]$ </p>	1.96E-03
41	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + nR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + C_3H_8 \Rightarrow CH_3CH_2OOH + nR--$ $>[CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow ethoxy + OH \rightarrow [ethoxy]$ </p>	1.86E-03
42	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH--$ $>[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH--$ $>[CO]CO + HO_2 \Rightarrow CO_2 + OH \rightarrow [CO_2]$ </p>	1.73E-03
43	<p> $[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]HO_2 + C_3H_6 \Rightarrow OH + propoxide \rightarrow [propoxide]$ </p>	1.57E-03
44	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [iR]iROO + C_3H_8 \Rightarrow iROOH + iR--$ $>[iROOH]iROOH \Rightarrow iRO + OH \rightarrow [iRO]$ </p>	1.50E-03
45	<p> $[nR]O_2 + QOOH_1 \Rightarrow HO_2 + prod_2 \rightarrow [prod_2]prod_2 \Rightarrow allyloxy + OH \rightarrow [allyloxy]$ </p>	1.44E-03

46	<p>$[nR]nROO + C_3H_8 \Rightarrow nROOH + nR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$</p> <p>$>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + C_3H_8 \Rightarrow CH_3CH_2OOH + nR--$</p> <p>$>[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH--$</p> <p>$>[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH-- \rightarrow [CO]$</p>	1.43E-03
47	<p>$[nR]nROO + C_3H_8 \Rightarrow nROOH + nR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$</p> <p>$>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + C_3H_8 \Rightarrow CH_3CH_2OOH + nR--$</p> <p>$>[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH-- \rightarrow [OQ'O_1]$</p>	1.43E-03
48	<p>$[nR]nROO + C_3H_8 \Rightarrow nROOH + nR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$</p> <p>$>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO + C_3H_8 \Rightarrow CH_3CH_2OOH + nR--$</p> <p>$>[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]$</p>	1.43E-03
49	<p>$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH--$</p> <p>$>[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [CH_2O]CH_2O + acetylperoxy \Rightarrow HCO + CH_3CO_3H--$</p> <p>$>[CH_3CO_3H]CH_3CO_3H \Rightarrow acetyloxy + OH-- \rightarrow [acetyloxy]$</p>	1.35E-03
50	<p>$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH--$</p> <p>$>[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH--$</p> <p>$>[CH_2O]CH_2O + acetylperoxy \Rightarrow HCO + CH_3CO_3H-- \rightarrow [CH_3CO_3H]CH_3CO_3H \Rightarrow acetyloxy + OH--$</p> <p>$>[acetyloxy]$</p>	1.35E-03
51	<p>$[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + OH \Rightarrow allyl + H_2O \rightarrow [allyl]allyl + HO_2 \Rightarrow allyloxy + OH--$</p> <p>$\rightarrow [allyloxy]$</p>	1.23E-03
52	<p>$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH--$</p> <p>$>[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [CH_2O]CH_2O + formylperoxy \Rightarrow HCO + formylooh--$</p> <p>$>[formylooh]formylooh \Rightarrow formyloxy + OH-- \rightarrow [formyloxy]$</p>	1.21E-03
53	<p>$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH--$</p> <p>$>[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH--$</p> <p>$>[CH_2O]CH_2O + formylperoxy \Rightarrow HCO + formylooh--$</p> <p>$>[formylooh]formylooh \Rightarrow formyloxy + OH-- \rightarrow [formyloxy]$</p>	1.20E-03
54	<p>$[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + OH \Rightarrow allyl + H_2O--$</p> <p>$>[allyl]iROO + allyl \Rightarrow iRO + allyloxy \rightarrow [iRO]iRO \Rightarrow CH_3 + acetaldehyde--$</p> <p>$>[CH_3]CH_3OO + HO_2 \Rightarrow CH_3OOH + O_2 \rightarrow [CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH-- \rightarrow [CH_3O]$</p>	1.20E-03
55	<p>$[nR]nROO + C_3H_8 \Rightarrow nROOH + nR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$</p> <p>$>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [CH_2O]CH_3CH_2OO + CH_2O \Rightarrow CH_3CH_2OOH + HCO--$</p> <p>$>[CH_3CH_2OOH]CH_3CH_2OOH \Rightarrow ethoxy + OH-- \rightarrow [ethoxy]$</p>	1.16E-03

56	$[nR]nROO + C_3H_8 \Rightarrow nROOH + nR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [CH_2O]CH_3OO + CH_2O \Rightarrow CH_3OOH + HCO--$ $>[CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH-- \rightarrow [CH_3O]$	1.16E-03
57	$[nR]nROO + C_3H_8 \Rightarrow nROOH + nR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [CH_2O]nROO + CH_2O \Rightarrow nROOH + HCO--$ $>[nROOH]nROOH \Rightarrow nRO + OH-- \rightarrow [nRO]$	1.03E-03
58	$[nR]O_2 + nR \Rightarrow OH + propoxide \rightarrow [propoxide]$	1.02E-03
59	$[nR]O_2QOOH_1 \Rightarrow HO_2 + prod_2 \rightarrow [prod_2]prod_2 \Rightarrow allyloxy + OH--$ $>[allyloxy]allyloxy \Rightarrow acrolein + H-- \rightarrow [acrolein]acrolein + CH_3OO \Rightarrow CH_2CHCO + CH_3OOH--$ $>[CH_3OOH]CH_3OOH \Rightarrow CH_3O + OH-- \rightarrow [CH_3O]$	1.01E-03
60	$[nR]O_2QOOH_1 \Rightarrow OH + prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH-- \rightarrow [frag_3]$	9.71E-04
61	$[nR]O_2QOOH_1 \Rightarrow OH + prod_3 \rightarrow [prod_3]$	9.71E-04
62	$[nR]nROO + C_3H_8 \Rightarrow nROOH + nR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [CH_2O]iROO + CH_2O \Rightarrow iROOH + HCO--$ $>[iROOH]iROOH \Rightarrow iRO + OH-- \rightarrow [iRO]$	8.72E-04
63	$[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]CH_3CH_2OO \Rightarrow C_2H_4 + HO_2--$ $>[C_2H_4]C_2H_4 + OH \Rightarrow CH_2CH_2OH \rightarrow [CH_2CH_2OH]O_2C_2H_4OH \Rightarrow OH + CH_2O + CH_2O \rightarrow [CH_2O]$	8.56E-04
64	$[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH--$ $>[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]C_2H_5 + O_2 \Rightarrow C_2H_4 + HO_2--$ $>[C_2H_4]C_2H_4 + OH \Rightarrow CH_2CH_2OH \rightarrow [CH_2CH_2OH]O_2C_2H_4OH \Rightarrow OH + CH_2O + CH_2O \rightarrow [CH_2O]$	8.55E-04
65	$[nR]O_2QOOH_1 \Rightarrow OH + prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH--$ $>[frag_3]frag_3 + OH \Rightarrow prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH-- \rightarrow [frag_3]$	8.21E-04
66	$[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + HO_2 \Rightarrow allyl + H_2O_2--$ $>[allyl]allyl + HO_2 \Rightarrow allyloxy + OH-- \rightarrow [allyloxy]$	7.80E-04
67	$[nR]O_2QOOH_1 \Rightarrow HO_2 + prod_2 \rightarrow [prod_2]prod_2 \Rightarrow allyloxy + OH--$ $>[allyloxy]allyloxy \Rightarrow acrolein + H-- \rightarrow [acrolein]acrolein + CH_3OO \Rightarrow CH_2CHCO + CH_3OOH--$ $>[CH_2CHCO]CH_2CHCO + O_2 \Rightarrow vinoxy + CO_2 \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH-- \rightarrow [CO]$	7.19E-04
68	$[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]HO_2 + C_3H_6 \Rightarrow QOOH_2--$ $>[QOOH_2]QOOH_2 \Rightarrow OH + propoxide \rightarrow [propoxide]$	6.89E-04
69	$[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [iR]iROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + OH \Rightarrow allyl + H_2O--$ $>[allyl]allyl + HO_2 \Rightarrow prod_2 \rightarrow [prod_2]prod_2 \Rightarrow allyloxy + OH-- \rightarrow [allyloxy]$	6.78E-04

70	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow$ $[CH_2O]CH_2O + OH \Rightarrow HCO + H_2O \rightarrow [HCO]HCO + O_2 \Rightarrow formylperoxy \rightarrow$ $[formylperoxy]CH_2O + formylperoxy \Rightarrow HCO + formylooh \rightarrow$ $[formylooh]formylooh \Rightarrow formyloxy + OH \rightarrow [formyloxy]$ </p>	5.91E-04
71	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [CH_2O]CH_2O + OH \Rightarrow HCO + H_2O \rightarrow$ $[HCO]HCO + O_2 \Rightarrow formylperoxy \rightarrow$ $[formylperoxy]CH_2O + formylperoxy \Rightarrow HCO + formylooh \rightarrow$ $[formylooh]formylooh \Rightarrow formyloxy + OH \rightarrow [formyloxy]$ </p>	5.89E-04
72	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [iR]iROO \Rightarrow HO_2 + C_3H_6 \rightarrow$ $[C_3H_6]C_3H_6 + HO_2 \Rightarrow propen1ol + OH \rightarrow [propen1ol]$ </p>	5.86E-04
73	<p> $[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow nR \rightarrow [nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow$ $[OQ'OOH_1]$ </p>	5.52E-04
74	<p> $[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow nR \rightarrow [nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow$ $[OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1]$ </p>	5.48E-04
75	<p> $[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow nR \rightarrow [nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow$ $[OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow$ $[vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$ </p>	5.48E-04
76	<p> $[nR]O_2QOOH_1 \Rightarrow OH + prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH \rightarrow$ $[frag_3]frag_3 + OH \Rightarrow prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH \rightarrow$ $[frag_3]frag_3 + OH \Rightarrow prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH \rightarrow [frag_3]$ </p>	5.33E-04
77	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow$ $[CH_2O]CH_2O + OH \Rightarrow HCO + H_2O \rightarrow [HCO]HCO + O_2 \Rightarrow CO + HO_2 \rightarrow [CO]CO + HO_2 \Rightarrow CO_2 + OH \rightarrow$ $[CO_2]$ </p>	5.09E-04
78	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [CH_2O]CH_2O + OH \Rightarrow HCO + H_2O \rightarrow$ $[HCO]HCO + O_2 \Rightarrow CO + HO_2 \rightarrow [CO]CO + HO_2 \Rightarrow CO_2 + OH \rightarrow [CO_2]$ </p>	5.06E-04
79	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + nR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH \rightarrow$ $[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]C_2H_5 + O_2 \Rightarrow C_2H_4 + HO_2 \rightarrow$ $[C_2H_4]C_2H_4 + OH \Rightarrow CH_2CH_2OH \rightarrow [CH_2CH_2OH]O_2C_2H_4OH \Rightarrow OH + CH_2O + CH_2O \rightarrow [CH_2O]$ </p>	5.00E-04
80	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + nR \rightarrow [nROOH]nROOH \Rightarrow nRO + OH \rightarrow$ $[nRO]nRO \Rightarrow C_2H_5 + CH_2O \rightarrow [C_2H_5]C_2H_5 + O_2 \Rightarrow C_2H_4 + HO_2 \rightarrow$ $[C_2H_4]C_2H_4 + OH \Rightarrow CH_2CH_2OH \rightarrow [CH_2CH_2OH]O_2C_2H_4OH \Rightarrow OH + CH_2O + CH_2O \rightarrow [CH_2O]$ </p>	4.95E-04

81	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow$ $[CH_2O]CH_2O + OH \Rightarrow HCO + H_2O \rightarrow [HCO]HCO + O_2 \Rightarrow formylperoxy \rightarrow$ $[formylperoxy]C_3H_8 + formylperoxy \Rightarrow iR + formylooh \rightarrow$ $[formylooh]formylooh \Rightarrow formyloxy + OH \rightarrow [formyloxy]$ </p>	4.86E-04
82	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [CH_2O]CH_2O + OH \Rightarrow HCO + H_2O \rightarrow$ $[HCO]HCO + O_2 \Rightarrow formylperoxy \rightarrow$ $[formylperoxy]C_3H_8 + formylperoxy \Rightarrow iR + formylooh \rightarrow$ $[formylooh]formylooh \Rightarrow formyloxy + OH \rightarrow [formyloxy]$ </p>	4.80E-04
83	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [iR]iROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + HO_2 \Rightarrow allyl + H_2O_2 \rightarrow$ $[allyl]allyl + HO_2 \Rightarrow prod_2 \rightarrow [prod_2]prod_2 \Rightarrow allyloxy + OH \rightarrow [allyloxy]$ </p>	3.78E-04
84	<p> $[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]H + C_3H_6 \Rightarrow iR \rightarrow [iR]iROO + HO_2 \Rightarrow iROOH + O_2 \rightarrow$ $[iROOH]iROOH \Rightarrow iRO + OH \rightarrow [iRO]$ </p>	3.45E-04
85	<p> $[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [iR]iROO \Rightarrow HO_2 + C_3H_6 \rightarrow$ $[C_3H_6]HO_2 + C_3H_6 \Rightarrow OH + propoxide \rightarrow [propoxide]$ </p>	3.09E-04
86	<p> $[nR]O_2QOOH_1 \Rightarrow HO_2 + prod_2 \rightarrow [prod_2]prod_2 \Rightarrow allyloxy + OH \rightarrow$ $[allyloxy]allyloxy \Rightarrow acrolein + H \rightarrow [acrolein]acrolein + HO_2 \Rightarrow CH_2CHCO + H_2O_2 \rightarrow$ $[CH_2CHCO]CH_2CHCO \Rightarrow C_2H_3 + CO \rightarrow [C_2H_3]C_2H_3 + O_2 \Rightarrow O + vinoxy \rightarrow$ $[vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$ </p>	2.87E-04
87	<p> $[nR]O_2QOOH_1 \Rightarrow HO_2 + prod_2 \rightarrow [prod_2]prod_2 \Rightarrow allyloxy + OH \rightarrow$ $[allyloxy]vinoxylmethyl \Rightarrow acrolein + H \rightarrow [acrolein]acrolein + HO_2 \Rightarrow CH_2CHCO + H_2O_2 \rightarrow$ $[CH_2CHCO]CH_2CHCO + O_2 \Rightarrow vinoxy + CO_2 \rightarrow [vinoxy]vinoxy + O_2 \Rightarrow CH_2O + CO + OH \rightarrow [CO]$ </p>	2.72E-04
88	<p> $[nR]O_2 + nR \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + OH \Rightarrow allyl + H_2O \rightarrow [allyl]allyl + HO_2 \Rightarrow prod_2 \rightarrow$ $[prod_2]prod_2 \Rightarrow allyloxy + OH \rightarrow [allyloxy]$ </p>	2.70E-04
89	<p> $[nR]O_2QOOH_1 \Rightarrow OH + prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH \rightarrow$ $[frag_3]frag_3 + OH \Rightarrow prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH \rightarrow$ $[frag_3]frag_3 + OH \Rightarrow prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH \rightarrow$ $[frag_3]frag_3 + OH \Rightarrow prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH \rightarrow [frag_3]$ </p>	2.65E-04
90	<p> $[nR]O_2 + nR \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + HO_2 \Rightarrow propen1ol + OH \rightarrow [propen1ol]$ </p>	2.34E-04
91	<p> $[nR]nROO \Rightarrow QOOH_2 \rightarrow [QOOH_2]well_2 \Rightarrow well_3 \rightarrow$ $[well_3]QOOH_3 \Rightarrow OH + propoxide \rightarrow [propoxide]$ </p>	1.83E-04
92	<p> $[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow$ $[OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [CH_2O]CH_2O + HO_2 \Rightarrow HCO + H_2O_2 \rightarrow$ $[HCO]HCO + O_2 \Rightarrow CO + HO_2 \rightarrow [CO]CO + HO_2 \Rightarrow CO_2 + OH \rightarrow [CO_2]$ </p>	1.53E-04
93	<p> $[nR]O_2 + nR \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]C_3H_6 + HO_2 \Rightarrow allyl + H_2O \rightarrow [allyl]allyl + HO_2 \Rightarrow prod_2 \rightarrow$ $[prod_2]prod_2 \Rightarrow allyloxy + OH \rightarrow [allyloxy]$ </p>	1.50E-04

94	$[nR]O_2 + nR \Rightarrow QOOH_2 \rightarrow [QOOH_2]QOOH_2 \Rightarrow OH + propoxide \rightarrow [propoxide]$	1.45E-04
95	$[nR]O_2QOOH_1 \Rightarrow OH + OQ'OOH_1 \rightarrow [OQ'OOH_1]OQ'OOH_1 \Rightarrow OQ'O_1 + OH \rightarrow [OQ'O_1]OQ'O_1 \Rightarrow vinoxy + CH_2O \rightarrow [CH_2O]CH_2O + O \Rightarrow HCO + OH \rightarrow [HCO]$	1.45E-04
96	$[nR]nROO + C_3H_8 \Rightarrow nROOH + iR \rightarrow [iR]iROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]HO_2 + C_3H_6 \Rightarrow QOOH_2 \rightarrow [QOOH_2]QOOH_2 \Rightarrow OH + propoxide \rightarrow [propoxide]$	1.38E-04
97	$[nR]O_2 + nR \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]HO_2 + C_3H_6 \Rightarrow OH + propoxide \rightarrow [propoxide]$	1.22E-04
98	$[nR]O_2QOOH_1 \Rightarrow OH + prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH \rightarrow [frag_3]frag_3 + OH \Rightarrow prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH \rightarrow [frag_3]frag_3 + OH \Rightarrow prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH \rightarrow [frag_3]frag_3 + OH \Rightarrow prod_3 \rightarrow [prod_3]prod_3 \Rightarrow frag_3 + OH \rightarrow [frag_3]$	1.03E-04
99	$[nR]nROO \Rightarrow HO_2 + C_3H_6 \rightarrow [C_3H_6]HO_2 + C_3H_6 \Rightarrow QOOH_3 \rightarrow [QOOH_3]QOOH_3 \Rightarrow OH + propoxide \rightarrow [propoxide]$	8.92E-05
100	$[nR]QOOH_1 \Rightarrow QOOH_2 \rightarrow [QOOH_2]QOOH_2 \Rightarrow OH + propoxide \rightarrow [propoxide]$	5.93E-05