	Initial Temperature (K)	650
	Initial Pressure (bar)	10
	Tau (second)	0.777660158
	Pathway Begin Time (Tau)	0
	Pathway End Time (Tau)	0.9
	Reaction	Probability
1	C_3H_8+OH=>nR+H_2O	3.19E-01
2	C_3H_8+OH=>iR+H_2O	3.16E-01
3	C_3H_8+HO_2=>iR+H_2O_2	5.05E-02
4	iROO=>O_2+iR	4.96E-02
5	O_2+iR=>HO_2+C_3H_6	4.61E-02
6	nROO=>O_2+nR	3.91E-02
7	C_3H_8+HO_2=>nR+H_2O_2	1.81E-02
8	HO_2+HO_2=>H_2O_2+O_2	1.70E-02
9	O_2QOOH$_1$=>O_2+QOOH$_1$	1.56E-02
10	H+C_3H_8=>H_2+iR	8.06E-03
11	CH_3OO+C_3H_8=>CH_3OOH+iR	7.60E-03
12	CH_3OOH=>CH_3O+OH	7.18E-03
13	nROOH=>nRO+OH	6.07E-03
14	O_2+nR=>HO_2+C_3H_6	5.54E-03
15	CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+iR	5.48E-03
16	CH_2O+OH=>HCO+H_2O	5.30E-03
17	CH_3CH_2OOH=>ethoxy+OH	5.05E-03
18	O_2QOOH$_1$=>OH+OQ'OOH$_1$	5.03E-03
19	nROO+C_3H_8=>nROOH+iR	4.90E-03
20	iROOH=>iRO+OH	4.12E-03
21	HCO+O_2=>CO+HO_2	4.06E-03
22	H+C_3H_8=>H_2+nR	3.97E-03
23	nRO=>C_2H_5+CH_2O	3.82E-03
24	iROO=>HO_2+C_3H_6	3.78E-03
25	CH_2O+HO_2=>HCO+H_2O_2	2.91E-03
26	OQ'OOH$_1$=>OQ'O$_1$+OH	2.58E-03
27	nROO+C_3H_8=>nROOH+nR	2.50E-03
28	CH_3OO+C_3H_8=>CH_3OOH+nR	2.35E-03
29	iROO+C_3H_8=>iROOH+iR	2.30E-03
30	iRO=>CH_3+acetaldehyde	2.29E-03
31	ethoxy=>CH_3+CH_2O	2.17E-03
32	H_2O_2(+M)=>OH+OH(+M)	2.11E-03
33	iROO+C_3H_8=>iROOH+nR	2.10E-03

34	$CH_3O+O_2=>CH_2O+HO_2$	1.74E-03
35	$CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+nR$	1.68E-03
36	$CH_3O+M=>CH_2O+H+M$	1.67E-03
37	$OQ'O_1=>vinoxy+CH_2O$	1.40E-03
38	$CH_3OO+HO_2=>CH_3OOH+O_2$	1.34E-03
39	$nROO=>HO_2+C_3H_6$	1.30E-03
40	$C_3H_8+CH_3O=>iR+CH_3OH$	1.23E-03
41	$H_2O_2+OH=>HO_2+H_2O$	1.20E-03
42	$C_3H_8+CH_3O=>nR+CH_3OH$	1.17E-03
43	$nR+HO_2=>nRO+OH$	9.89E-04
44	$acetaldehyde+HO_2=>acetyl+H_2O_2$	9.34E-04
45	$CH_3OO(+M)=>CH_3+O_2(+M)$	9.16E-04
46	$vinoxy+O_2=>CH_2O+CO+OH$	9.09E-04
47	$C_3H_6+OH=>allyl+H_2O$	6.82E-04
48	$C_2H_5+O_2=>C_2H_4+HO_2$	6.75E-04
49	$nROO+HO_2=>nROOH+O_2$	6.75E-04
50	$QOOH_1=>O_2+nR$	6.46E-04
51	$nR+H_2O_2=>C_3H_8+HO_2$	6.10E-04
52	$H+O_2(+M)=>HO_2(+M)$	6.01E-04
53	$nR=>CH_3+C_2H_4$	4.89E-04
54	$iROO+HO_2=>iROOH+O_2$	4.70E-04
55	$O_2+nR=>OH+propoxide$	4.69E-04
56	$CH_3CH_2OO=>C_2H_5+O_2$	4.46E-04
57	$C_3H_6+HO_2=>allyl+H_2O_2$	4.06E-04
58	$C_3H_8+O=>iR+OH$	3.33E-04
59	$acetyl(+M)=>CH_3+CO(+M)$	3.32E-04
60	$O_2+iR=>OH+propoxide$	3.14E-04
61	$iR+HO_2=>iRO+OH$	2.71E-04
62	$nROO+nR=>nRO+nRO$	2.55E-04
63	$CH_3+C_3H_8=>CH_4+iR$	2.44E-04
64	$C_3H_6+HO_2=>propen1ol+OH$	1.95E-04
65	$nROO+nROO=>O_2+nRO+nRO$	1.95E-04
66	$C_3H_8+O=>nR+OH$	1.82E-04
67	$CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2$	1.49E-04
68	$H+C_3H_6=>iR$	1.30E-04
69	$iROO+iROO=>O_2+iRO+iRO$	1.30E-04
70	$iROO+nR=>iRO+nRO$	1.19E-04
71	$nROO+CH_2O=>nROOH+HCO$	1.01E-04
72	$C_3H_8+formylperoxy=>iR+formylooh$	9.84E-05

73	O_2+$QOOH_1$=>OH+OH+$OQ'O_1$	9.20E-05
74	HO_2+C_3H_6=>OH+propoxide	8.57E-05
75	nROO=>OH+propoxide	7.63E-05
76	CH_3OO+nR=>CH_3O+nRO	6.70E-05
77	CH_3+C_3H_8=>CH_4+nR	6.46E-05
78	H_2O_2+H=>H_2O+OH	6.45E-05
79	iROO+CH_2O=>iROOH+HCO	6.05E-05
80	formylooh=>formyloxy+OH	6.00E-05
81	formyloxy+M=>H+CO_2+M	6.00E-05
82	iROO+iR=>iRO+iRO	5.97E-05
83	C_3H_8+acetylperoxy=>iR+CH_3CO_3H	5.91E-05
84	C_3H_8+allyl=>iR+C_3H_6	5.51E-05
85	iR+H_2O_2=>C_3H_8+HO_2	5.34E-05
86	CH_2O+HO_2=>OCH_2OOH	5.23E-05
87	OCH_2OOH=>CH_2O+HO_2	5.23E-05
88	O_2+iR=>$QOOH_3$	4.64E-05
89	$QOOH_3$=>OH+propoxide	4.64E-05
90	C_3H_6+OH=>propen1yl+H_2O	4.54E-05
91	ethoxy=>acetaldehyde+H	4.32E-05
92	acrolein+HO_2=>CH_2CHCO+H_2O_2	4.17E-05
93	HO_2+C_3H_6=>$QOOH_2$	4.17E-05
94	$QOOH_2$=>OH+propoxide	4.17E-05
95	nROO+iR=>nRO+iRO	4.04E-05
96	C_3H_6+OH=>propen2yl+H_2O	3.97E-05
97	CH_3CO_3H=>acetyloxy+OH	3.69E-05
98	acetyloxy+M=>CH_3+CO_2+M	3.69E-05
99	O_2QOOH_1=>HO_2+prod2	3.63E-05
100	nR+HO_2=>C_3H_8+O_2	3.49E-05