	t0 (tau)	0
	tf (tau)	0.9
1	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.09E-02
4	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.89E-02
2	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]	1.63E-02
5	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.22E-02
6	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-->[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.06E-02
11	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]	9.29E-03
10	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]	9.28E-03
3	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-->[propoxide]	8.60E-03
8	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	6.75E-03
14	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	4.29E-03
17	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	3.95E-03
7	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.77E-03
9	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]	3.44E-03
22	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]	3.00E-03
21	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]	3.00E-03

12	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.32E-03
20	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-->[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	2.22E-03
13	[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	2.19E-03
15	[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	1.91E-03
19	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]ipropyloo+HO_2=>ipropylooh+O_2-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.87E-03
16	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-->[propoxide]	1.79E-03
25	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	1.41E-03
18	[ipropyl]O_2+ipropyl=>OH+propoxide-->[propoxide]	1.19E-03
37	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]npropyloo+HO_2=>npropylooh+O_2-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.14E-03
28	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.47E-04
31	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	8.99E-04
23	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	8.09E-04
32	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]npropyloo+allyl=>npropyloxy+allyloxy-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	7.89E-04

24	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	7.46E-04
46	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	6.55E-04
38	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-->[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	6.51E-04
48	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]	6.26E-04
49	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]	6.26E-04
53	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.56E-04
51	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+CH_3OO=>allyl+CH_3OOH-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.28E-04
35	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	5.16E-04
29	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	4.90E-04
42	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.56E-04
36	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.31E-04
40	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]ipropyloo+HO_2=>ipropylooh+O_2-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.85E-04

52	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.34E-04
73	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.15E-04
34	[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-- >[propoxide]	3.13E-04
26	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.02E-04
39	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.86E-04
27	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	2.83E-04
33	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.71E-04
66	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	2.49E-04
97	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+HO_2=>npropylooh+O_2-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.37E-04

30	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	2.35E-04
41	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	2.34E-04
92	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]	2.31E-04
63	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.22E-04
44	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	2.19E-04
77	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.11E-04
72	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	2.06E-04
67	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.97E-04
59	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.94E-04

79	[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-->[allyl]allyl+HO_2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.91E-04
45	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.76E-04
50	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.70E-04
47	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.66E-04
43	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.66E-04
76	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.63E-04
80	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.63E-04
74	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.58E-04

91	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.58E-04
88	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+CH_3OO=>allyl+CH_3OOH-->[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.58E-04
54	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.57E-04
100	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-->[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.37E-04
56	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-->[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-->[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.37E-04
57	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]npropyloo+allyl=>npropyloxy+allyloxy-->[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-->[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.36E-04
98	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]npropyloo+allyl=>npropyloxy+allyloxy-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.25E-04
95	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]npropyloo+HO_2=>npropylooh+O_2-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.21E-04

78	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.21E-04
60	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	1.19E-04
62	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.14E-04
65	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.13E-04
64	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.13E-04
89	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.06E-04
68	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	1.04E-04
70	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.03E-04
71	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	1.03E-04
69	[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]well_3=>well_2-- >[well_2]QOOH_2=>OH+propoxide-->[propoxide]	1.02E-04

90	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]ipropyl+HO_2=>ipropyloxy+OH-->[ipropyloxy]	9.58E-05
75	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-->[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	9.33E-05
99	[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	9.12E-05
85	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]	7.96E-05
82	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]propen1ol+HO_2=>CH_2O+C_2H_3+H_2O_2-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	7.29E-05
83	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-->[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide->[propoxide]	7.26E-05
84	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide->[propoxide]	7.25E-05
55	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-->[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-->[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	7.01E-05
86	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]propen1ol+OH=>CH_2O+C_2H_3+H_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.99E-05

96	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]propen1ol+H=>C_3H_6+OH-->[C_3H_6]	6.86E-05
94	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+HO_2=>CH_2CHCO+H_2O_2-- >[CH_2CHCO]CH_2CHCO=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.50E-05
93	[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.43E-05
61	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	5.92E-05
81	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]H_2O_2+acetylperoxy=>HO_2+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	3.69E-05
58	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+acetylperoxy=>acetyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	3.08E-05
87	[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetaldehyde+acetylperoxy=>acetyl+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.66E-05