1	[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]	7.48E-01
2	[npropyl]well_1=>OH+prod_1-->[prod_1]	7.48E-01
3	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]	7.48E-01
4	[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-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.20E-02
5	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.20E-02
6	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.19E-02
7	[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-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.19E-02
8	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.71E-02
9	[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-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.71E-02
10	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.56E-02

11	[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-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.15E-02
12	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.15E-02
13	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.48E-02
14	[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-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.48E-02
15	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.08E-02
16	[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-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.90E-02

17	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.89E-02
18	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]	1.86E-02
19	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]	9.55E-03
20	[npropyl]npropyloo=>OH+propoxide-->[propoxide]	8.96E-03
21	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]	8.61E-03
22	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]	8.59E-03
23	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-- >[propoxide]	6.30E-03
24	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-->[frag_1]	5.79E-03
25	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CO]	5.79E-03

26	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]	5.57E-03
27	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.11E-03
28	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.10E-03
29	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.77E-03

30	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.75E-03
31	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]	3.68E-03
32	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]	3.68E-03
33	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.50E-03
34	[npropyl]npropyloo=>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]	3.45E-03

35	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.34E-03
36	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.30E-03
37	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.29E-03
38	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	3.19E-03
39	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	3.00E-03
40	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]	2.90E-03

41	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]	2.90E-03
42	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	2.44E-03
43	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+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]	2.44E-03
44	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	2.44E-03
45	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.08E-03

46	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.08E-03
47	[npropyl]well_1=>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]	2.06E-03
48	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.03E-03
49	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.03E-03
50	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.03E-03

51	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.00E-03
52	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.99E-03
53	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	1.99E-03
54	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	1.98E-03
55	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.96E-03
56	[npropyl]npropyloo=>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]	1.93E-03

57	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.86E-03
58	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.83E-03
59	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.83E-03
60	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.76E-03
61	[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]CO+HO_2=>CO_2+OH-->[CO_2]	1.75E-03
62	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.72E-03

63	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]$CH_3OO+C_3H_8$=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.71E-03
64	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.69E-03
65	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.69E-03
66	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]npropyloo+CH_3CH_2OO=>npropyloxy+ethoxy+O_2-- >[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.65E-03

67	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]npropyloo+CH_3CH_2OO=>npropyloxy+ethoxy+O_2-- >[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.65E-03
68	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.60E-03
69	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.59E-03
70	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	1.57E-03

71	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2-- >[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.54E-03
72	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2-- >[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.54E-03
73	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.50E-03
74	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.49E-03
75	[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]	1.44E-03
76	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+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]	1.43E-03

77	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	1.43E-03
78	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	1.43E-03
79	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.38E-03
80	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.38E-03
81	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.35E-03
82	[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-- >[CH_2O]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	1.35E-03

83	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.31E-03
84	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.31E-03
85	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.24E-03
86	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.24E-03
87	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	1.23E-03

88	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.22E-03
89	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.21E-03
90	[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-- >[CH_2O]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.20E-03
91	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.20E-03
92	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.20E-03
93	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.18E-03

94	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.17E-03
95	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.16E-03
96	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.16E-03
97	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.12E-03
98	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.12E-03

99	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.10E-03
100	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.04E-03
101	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.04E-03
102	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.04E-03
103	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.04E-03

104	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.03E-03
105	[npropyl]O_2+npropyl=>OH+propoxide-->[propoxide]	1.01E-03
106	[npropyl]well_1=>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]	1.00E-03
107	[npropyl]well_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]	9.71E-04
108	[npropyl]well_1=>OH+prod_3-->[prod_3]	9.71E-04
109	[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-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.29E-04
110	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.28E-04

111	[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-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-->[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.26E-04
112	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-->[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.21E-04
113	[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-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]ipropyloo+CH_3OO=>ipropyloxy+CH_3O+O_2-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.06E-04
114	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.03E-04

115	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]ipropyloo+CH_3OO=>ipropyloxy+CH_3O+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.02E-04
116	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]ipropyloo+CH_3OO=>ipropyloxy+CH_3O+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.00E-04
117	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]ipropyloo+CH_3OO=>ipropyloxy+CH_3O+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	8.96E-04
118	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	8.77E-04
119	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	8.71E-04

120	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	8.55E-04
121	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	8.52E-04
122	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	8.31E-04
123	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	8.29E-04
124	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	8.29E-04

125	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[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]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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]	8.27E-04
126	[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-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	8.23E-04
127	[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-->[CH_2O]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-->[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.21E-04
128	[npropyl]well_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]	8.21E-04
129	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-->[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.21E-04

130	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	7.85E-04
131	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	7.83E-04
132	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	7.76E-04
133	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]npropyloo+CH_3CH_2OO=>npropyloxy+ethoxy+O_2-- >[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]	7.38E-04
134	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]npropyloo+CH_3CH_2OO=>npropyloxy+ethoxy+O_2-- >[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]	7.37E-04

135	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	7.17E-04
136	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	6.99E-04
137	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	6.96E-04
138	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	6.95E-04
139	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.92E-04
140	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	6.91E-04

141	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.87E-04
142	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.80E-04
143	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.78E-04
144	[npropyl]npropyloo+C_3H_8=>npropylooh+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]	6.78E-04
145	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.78E-04

146	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.72E-04
147	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.71E-04
148	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	6.69E-04
149	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	6.69E-04
150	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	6.69E-04

151	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.62E-04
152	[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-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.62E-04
153	[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-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.55E-04
154	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.53E-04
155	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.51E-04

156	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.50E-04
157	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.45E-04
158	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.19E-04
159	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.17E-04

160	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.03E-04
161	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.02E-04
162	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	5.90E-04
163	[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-- >[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	5.88E-04

164	[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-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.88E-04
165	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]	5.88E-04
166	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.86E-04
167	[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-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.83E-04
168	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.81E-04

169	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.79E-04
170	[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-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.78E-04
171	[npropyl]npropyloo=>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]	5.70E-04
172	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	5.47E-04
173	[npropyl]npropyloo=>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]	5.46E-04
174	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.46E-04
175	[npropyl]npropyloo=>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]	5.46E-04

176	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.43E-04
177	[npropyl]well_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]	5.33E-04
178	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.25E-04
179	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	5.04E-04
180	[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-- >[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>CO+HO_2-- >[CO]CO+HO_2=>CO_2+OH-->[CO_2]	5.02E-04
181	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	4.99E-04

182	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	4.96E-04
183	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.89E-04
184	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	4.88E-04
185	[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-- >[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	4.86E-04
186	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	4.85E-04

187	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.84E-04
188	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	4.84E-04
189	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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]	4.83E-04
190	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.82E-04

191	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.79E-04
192	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.78E-04
193	[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-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.78E-04
194	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.77E-04
195	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.72E-04

196	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.69E-04
197	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.63E-04
198	[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-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.62E-04
199	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.59E-04

200	[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-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-->[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.59E-04
201	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]npropyloo+CH_3OO=>npropyloxy+CH_3O+O_2-->[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]	4.49E-04
202	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.46E-04

203	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]npropyloo+CH_3OO=>npropyloxy+CH_3O+O_2-- >[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]	4.44E-04
204	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]npropyloo+CH_3CH_2OO=>npropyloxy+ethoxy+O_2-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.43E-04
205	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.43E-04

206	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.27E-04
207	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+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]	4.11E-04
208	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	4.10E-04
209	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	4.09E-04

210	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]npropyloo+CH_3OO=>npropyloxy+CH_3O+O_2-- >[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]	4.09E-04
211	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+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]	4.08E-04
212	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	4.08E-04
213	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]	4.08E-04

214	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	4.08E-04
215	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.05E-04
216	[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]CH_3O+CO=>CH_3+CO_2-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.97E-04
217	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.96E-04
218	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.84E-04

219	[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-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.82E-04
220	[npropyl]npropyloo+C_3H_8=>npropylooh+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]	3.80E-04
221	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.75E-04
222	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.69E-04

223	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.69E-04
224	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.68E-04
225	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.64E-04
226	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.63E-04

227	[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-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.60E-04
228	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.59E-04
229	[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-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.58E-04
230	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.57E-04
231	[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-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.56E-04

232	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.53E-04
233	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.48E-04
234	[npropyl]npropyloo=>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]	3.41E-04
235	[npropyl]npropyloo=>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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.39E-04
236	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.36E-04

237	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.35E-04
238	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.30E-04
239	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.30E-04

240	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.28E-04
241	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.26E-04
242	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.26E-04
243	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.26E-04
244	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.25E-04

245	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.25E-04
246	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.25E-04
247	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	3.25E-04
248	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	3.24E-04

249	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.24E-04
250	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	3.22E-04
251	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	3.21E-04
252	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.14E-04

253	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	3.13E-04
254	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	3.12E-04
255	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.12E-04
256	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	3.09E-04

257	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.96E-04
258	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.91E-04
259	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.91E-04
260	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.89E-04

261	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.87E-04
262	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.87E-04
263	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.87E-04
264	[npropyl]npropyloo=>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]	2.87E-04
265	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.85E-04
266	[npropyl]well_1=>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]	2.84E-04

267	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]	2.83E-04
268	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]prod_1=>frag_1+OH-->[frag_1]	2.83E-04
269	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.83E-04
270	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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]	2.83E-04

271	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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]	2.78E-04
272	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	2.78E-04
273	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	2.76E-04
274	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.76E-04

275	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.75E-04
276	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.73E-04
277	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>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]	2.72E-04
278	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.72E-04

279	[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-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.69E-04
280	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.68E-04
281	[npropyl]O_2+npropyl=>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]	2.68E-04
282	[npropyl]well_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]	2.64E-04
283	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.58E-04

284	[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-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.58E-04
285	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[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]ethoxy=>CH_3+CH_2O-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.54E-04
286	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-->[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.53E-04
287	[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-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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]	2.52E-04

288	[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-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]	2.51E-04
289	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]	2.51E-04
290	[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-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]	2.50E-04
291	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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]	2.50E-04

292	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-->[CH_2O]$CH_3CH_2OO+CH_2O$=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.49E-04
293	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]$CH_3OO+C_3H_8$=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]	2.49E-04
294	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[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]ethoxy=>CH_3+CH_2O-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.49E-04
295	[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-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-->[CH_2O]$CH_3CH_2OO+CH_2O$=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.49E-04

296	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.44E-04
297	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.44E-04
298	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.42E-04
299	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	2.42E-04
300	[npropyl]npropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.40E-04
301	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.38E-04

302	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]	2.38E-04
303	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.37E-04
304	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.37E-04
305	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.37E-04

306	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.36E-04
307	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.36E-04
308	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.36E-04
309	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	2.33E-04
310	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	2.31E-04
311	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	2.31E-04

312	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.30E-04
313	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]	2.29E-04
314	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.28E-04
315	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.27E-04

316	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3+HO_2=>CH_3O+OH-->[CH_3O]	2.26E-04
317	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>OCH_2OOH-- >[OCH_2OOH]OCH_2OOH=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.26E-04
318	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3+HO_2=>CH_3O+OH-->[CH_3O]	2.26E-04
319	[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-- >[CH_2O]CH_2O+HO_2=>OCH_2OOH-->[OCH_2OOH]OCH_2OOH=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.25E-04
320	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	2.23E-04

321	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.22E-04
322	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	2.22E-04
323	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]$CH_3OO+C_3H_8$=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.19E-04
324	[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-- >[CH_2O]$CH_3CH_2OO+CH_2O$=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]$CH_3OO+C_3H_8$=>CH_3OOH+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]	2.18E-04

325	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]$CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO$-->[$CH_3CH_2OOH$]$CH_3CH_2OOH=>$ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]$CH_3OO+C_3H_8=>CH_3OOH+$npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]	2.18E-04
326	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>$CH_2O+CO+OH$-->[CH_2O]$CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO$-->[$CH_3CH_2OOH$]$CH_3CH_2OOH=>$ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]$CH_3OO+C_3H_8=>CH_3OOH+$npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]	2.18E-04
327	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]$CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO$-->[$CH_3CH_2OOH$]$CH_3CH_2OOH=>$ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]$CH_3OO+C_3H_8=>CH_3OOH+$npropyl-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]	2.18E-04
328	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]$CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO$-->[$CH_3CH_2OOH$]$CH_3CH_2OOH=>$ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]$CH_3OO+C_3H_8=>CH_3OOH+$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]	2.18E-04

329	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	2.18E-04
330	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.18E-04
331	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.17E-04
332	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.15E-04

333	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]	2.10E-04
334	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.09E-04
335	[npropyl]npropyloo=>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]	2.08E-04
336	[npropyl]npropyloo=>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]	2.08E-04
337	[npropyl]npropyloo=>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]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.07E-04

338	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.06E-04
339	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.06E-04
340	[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-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.05E-04
341	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.03E-04

342	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.01E-04
343	[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-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.00E-04
344	[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-- >[CH_2O]CH_2O+HO_2=>OCH_2OOH-->[OCH_2OOH]OCH_2OOH=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.97E-04
345	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>OCH_2OOH-- >[OCH_2OOH]OCH_2OOH=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.97E-04
346	[npropyl]npropyloo=>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]	1.96E-04

347	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.96E-04
348	[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-- >[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.96E-04
349	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.93E-04
350	[npropyl]npropyloo=>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]	1.93E-04
351	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.93E-04

352	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.92E-04
353	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.92E-04
354	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.92E-04
355	[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-- >[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.91E-04
356	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.89E-04

357	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.87E-04
358	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.85E-04
359	[npropyl]npropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.85E-04
360	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.84E-04
361	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+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]	1.83E-04

362	[npropyl]npropyloo=>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]	1.83E-04
363	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>well_3-- >[well_3]QOOH_3=>OH+propoxide-->[propoxide]	1.83E-04
364	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.82E-04
365	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	1.81E-04
366	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[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]	1.81E-04
367	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	1.81E-04

368	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.81E-04
369	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.81E-04
370	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.79E-04
371	[npropyl]well_1=>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]	1.78E-04

372	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[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]	1.75E-04
373	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-->[formylethyl]formylethyl=>C_2H_4+HCO- ->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	1.74E-04
374	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.73E-04
375	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.71E-04

376	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]$CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO$-- >[$CH_3CH_2OOH$]$CH_3CH_2OOH=>$ethoxy+OH-- >[ethoxy]ethoxy=>acetaldehyde+H-- >[acetaldehyde]acetaldehyde+$HO_2=>$acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]$CH_3OO+HO_2=>CH_3OOH+O_2$-- >[CH_3OOH]$CH_3OOH=>CH_3O+OH$-->[CH_3O]	1.69E-04
377	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+$O_2=>CH_2O+CO+OH$-- >[CH_2O]$CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO$-- >[$CH_3CH_2OOH$]$CH_3CH_2OOH=>$ethoxy+OH-- >[ethoxy]ethoxy=>acetaldehyde+H-- >[acetaldehyde]acetaldehyde+$HO_2=>$acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]$CH_3OO+HO_2=>CH_3OOH+O_2$-- >[CH_3OOH]$CH_3OOH=>CH_3O+OH$-->[CH_3O]	1.69E-04
378	[npropyl]npropyloo=>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]	1.69E-04
379	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]$CH_2O+HO_2=>OCH_2OOH$-- >[OCH_2OOH]$OCH_2OOH=>CH_2O+HO_2$-- >[CH_2O]$CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO$-- >[$CH_3CH_2OOH$]$CH_3CH_2OOH=>$ethoxy+OH-->[ethoxy]	1.66E-04
380	[npropyl]npropyloo+$C_3H_8=>$npropylooh+ipropyl-- >[ipropyl]ipropyloo+$C_3H_8=>$ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]$CH_3OO+C_3H_8=>CH_3OOH$+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]	1.65E-04

381	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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]	1.65E-04
382	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-->[npropyl]well_1=>OH+prod_1- ->[prod_1]prod_1=>frag_1+OH-->[frag_1]	1.65E-04
383	[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-- >[CH_2O]CH_2O+HO_2=>OCH_2OOH-->[OCH_2OOH]OCH_2OOH=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.65E-04
384	[npropyl]npropyloo=>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]	1.64E-04

385	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.64E-04
386	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.64E-04
387	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	1.62E-04

388	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	1.62E-04
389	[npropyl]npropyloo=>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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.62E-04
390	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+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]	1.62E-04
391	[npropyl]npropyloo=>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]	1.60E-04

392	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.60E-04
393	[npropyl]O_2+QOOH_1=>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]	1.59E-04
394	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.59E-04
395	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.59E-04
396	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	1.58E-04

397	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[ipropyl]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.55E-04
398	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	1.53E-04
399	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-- >[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	1.53E-04
400	[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-- >[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-->[HCO]HCO+O_2=>CO+HO_2-- >[CO]CO+HO_2=>CO_2+OH-->[CO_2]	1.53E-04
401	[npropyl]npropyloo=>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]	1.52E-04
402	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+HO_2=>ethoxy+OH-- >[ethoxy]	1.51E-04
403	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.51E-04

404	[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-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+HO_2=>ethoxy+OH-->[ethoxy]	1.51E-04
405	[npropyl]O_2+npropyl=>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]	1.50E-04
406	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.47E-04
407	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-->[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.47E-04
408	[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-->[CH_2O]CH_2O+O=>HCO+OH-->[HCO]	1.47E-04
409	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+O=>HCO+OH-->[HCO]	1.46E-04
410	[npropyl]O_2+npropyl=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	1.45E-04

411	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.42E-04
412	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	1.41E-04
413	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	1.40E-04
414	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>HO_2+prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.39E-04
415	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.38E-04

416	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	1.37E-04
417	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	1.37E-04
418	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.36E-04
419	[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-- >[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.35E-04
420	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3O=>CH_2CHCO+CH_3OH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.35E-04
421	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.35E-04

422	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]$CH_3CH_2OO+CH_2O$=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.34E-04
423	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	1.34E-04
424	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>$CH_2CHCO+CH_3OOH$-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.33E-04
425	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C_2H_4+HCO-->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	1.29E-04
426	[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-- >[CH_2O]CH_2O+HO_2=>OCH_2OOH-->[OCH_2OOH]OCH_2OOH=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.29E-04
427	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>OCH_2OOH-- >[OCH_2OOH]OCH_2OOH=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.28E-04

428	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3+HO_2=>CH_3O+OH-->[CH_3O]	1.24E-04
429	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3+HO_2=>CH_3O+OH-->[CH_3O]	1.23E-04
430	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	1.22E-04
431	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.20E-04
432	[npropyl]npropyloo=>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]	1.19E-04
433	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+OH=>CH_2CHCO+H_2O-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.17E-04

434	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-- >[acetyloxy]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.16E-04
435	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	1.16E-04
436	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.15E-04
437	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-- >[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.15E-04
438	[npropyl]npropyloo=>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+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.14E-04
439	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.13E-04
440	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	1.12E-04

441	[npropyl]npropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.10E-04
442	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy+O_2=>acrolein+HO_2-- >[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]	1.08E-04
443	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	1.08E-04
444	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	1.07E-04
445	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	1.07E-04
446	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+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]	1.07E-04
447	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	1.06E-04

448	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[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]	1.06E-04
449	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	1.06E-04
450	[npropyl]npropyloo=>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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.05E-04
451	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.04E-04

452	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.03E-04
453	[npropyl]well_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]	1.03E-04
454	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+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]	1.03E-04
455	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.03E-04
456	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]C_3H_8+CH_3O=>npropyl+CH_3OH-- >[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]	1.02E-04

457	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]C_3H_8+CH_3O=>npropyl+CH_3OH-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]	1.02E-04
458	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]C_3H_8+CH_3O=>npropyl+CH_3OH-->[npropyl]well_1=>OH+prod_1-->[prod_1]	1.02E-04
459	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-->[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3+HO_2=>CH_3O+OH-->[CH_3O]	1.02E-04
460	[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-->[CH_2O]CH_3+CH_2O=>ethoxy-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.83E-05
461	[npropyl]npropyloo=>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]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.83E-05
462	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3+CH_2O=>ethoxy-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.82E-05

463	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	9.65E-05
464	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>ethenol+CH_3-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.64E-05
465	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.63E-05
466	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]	9.60E-05
467	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	9.58E-05

468	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	9.55E-05
469	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	9.48E-05
470	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.44E-05
471	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.35E-05
472	[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-- >[CH_2O]CH_2O+HO_2=>OCH_2OOH-->[OCH_2OOH]OCH_2OOH=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.33E-05

473	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-->[C_2H_4]C_2H_4+HO_2=>oxirane+OH-->[oxirane]	9.31E-05
474	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>OCH_2OOH-->[OCH_2OOH]OCH_2OOH=>CH_2O+HO_2-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.30E-05
475	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-->[C_2H_4]C_2H_4+HO_2=>oxirane+OH-->[oxirane]	9.28E-05
476	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]	9.25E-05
477	[npropyl]npropyloo=>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]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.21E-05
478	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[HCO]HCO+O_2=>formylperoxy-->[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	9.20E-05

479	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	9.19E-05
480	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.12E-05
481	[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-- >[CH_2O]vinoxy+CH_2O=>frag_1-->[frag_1]frag_1=>vinoxy+CH_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	9.12E-05
482	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]vinoxy+CH_2O=>frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CO]	9.12E-05
483	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	9.08E-05
484	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	9.07E-05

485	[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-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[HCO]HCO+O_2=>formylperoxy-->[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	9.04E-05
486	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]ipropyloo+ipropyloo=>O_2+ipropyloxy+ipropyloxy-->[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.03E-05
487	[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-->[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>CO+HO_2-->[CO]CH_3O+CO=>CH_3+CO_2-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.99E-05
488	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>CO+HO_2-->[CO]CH_3O+CO=>CH_3+CO_2-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.98E-05
489	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	8.93E-05
490	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[HCO]HCO+O_2=>formylperoxy-->[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	8.84E-05

491	[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-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	8.83E-05
492	[npropyl]npropyloo=>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-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.66E-05
493	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	8.51E-05
494	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+H=>acetyl+H_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.50E-05
495	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	8.50E-05

496	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+HO_2=>ethoxy+OH-- >[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	8.43E-05
497	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	8.34E-05
498	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	8.33E-05
499	[npropyl]npropyloo=>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]	8.28E-05
500	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	8.12E-05

501	[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-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	8.10E-05
502	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	8.07E-05
503	[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-- >[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[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]	7.98E-05
504	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[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]	7.96E-05
505	[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-- >[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	7.95E-05

506	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>formylperoxy-->[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-->[npropyl]well_1=>OH+prod_1-->[prod_1]	7.95E-05
507	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	7.95E-05
508	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>formylperoxy-->[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]	7.95E-05
509	[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-->[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>formylperoxy-->[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-->[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]	7.94E-05
510	[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-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	7.93E-05
511	[npropyl]npropyloo=>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+CH_3OO=>CH_2CHCO+CH_3OOH-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	7.85E-05
512	[npropyl]npropyl=>CH_3+C_2H_4-->[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	7.84E-05

513	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	7.81E-05
514	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	7.80E-05
515	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	7.80E-05
516	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[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]	7.77E-05
517	[npropyl]O_2+QOOH_1=>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]	7.76E-05
518	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-- >[propoxide]	7.72E-05

519	[npropyl]npropyloo=>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]	7.69E-05
520	[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]CH_3O+CO=>CH_3+CO_2-->[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	7.65E-05
521	[npropyl]npropyloo=>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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	7.64E-05
522	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>oxirane+OH-- >[oxirane]	7.61E-05
523	[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-- >[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+HO_2=>CO_2+OH+H-->[CO_2]	7.59E-05
524	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+HO_2=>CO_2+OH+H-->[CO_2]	7.58E-05
525	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>acetaldehyde+H-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	7.55E-05

526	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>acetaldehyde+H-- >[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	7.54E-05
527	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	7.50E-05
528	[npropyl]O_2+QOOH_1=>OH+prod_3-->[prod_3]	7.49E-05
529	[npropyl]O_2+QOOH_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]	7.49E-05
530	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>oxirane+OH-- >[oxirane]	7.31E-05
531	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>oxirane+OH-- >[oxirane]	7.30E-05
532	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	7.18E-05

533	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	7.17E-05
534	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>OCH_2OOH-- >[OCH_2OOH]OCH_2OOH=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	7.17E-05
535	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	7.14E-05
536	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	7.03E-05
537	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	7.03E-05
538	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	7.01E-05

539	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	6.99E-05
540	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	6.97E-05
541	[npropyl]npropyloo=>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]	6.96E-05
542	[npropyl]npropyloo=>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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.89E-05
543	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	6.86E-05
544	[npropyl]npropyloo=>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]	6.82E-05
545	[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-- >[CH_2O]CH_2O+HO_2=>CH_2OH+O_2-->[CH_2OH]CH_2OH+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.70E-05

546	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	6.69E-05
547	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>CH_2OH+O_2-- >[CH_2OH]CH_2OH+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.69E-05
548	[npropyl]npropyloo=>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+npropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	6.67E-05
549	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	6.66E-05
550	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[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]	6.66E-05
551	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	6.65E-05

552	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	6.53E-05
553	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>acetaldehyde+H-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	6.52E-05
554	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	6.40E-05
555	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	6.36E-05
556	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	6.35E-05
557	[npropyl]O_2+QOOH_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]	6.34E-05

558	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.32E-05
559	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[HCO]HCO+O_2=>CO+HO_2-- >[CO]CO+HO_2=>CO_2+OH-->[CO_2]	6.29E-05
560	[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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-->[HCO]HCO+O_2=>CO+HO_2-- >[CO]CO+HO_2=>CO_2+OH-->[CO_2]	6.27E-05
561	[npropyl]well_1=>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-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.21E-05
562	[npropyl]npropyloo=>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+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	6.19E-05
563	[npropyl]npropyloo=>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]	6.13E-05
564	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	6.08E-05

565	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-->[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]	6.07E-05
566	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>C_2H_4+CH_3-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	6.07E-05
567	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-->[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	6.06E-05
568	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	6.06E-05
569	[npropyl]npropyloo=>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]	6.05E-05
570	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+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]	5.99E-05
571	[npropyl]npropyloo=>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+CH_3OO=>CH_2CHCO+CH_3OOH-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.98E-05
572	[npropyl]QOOH_1=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	5.93E-05

573	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[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]	5.86E-05
574	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.84E-05
575	[npropyl]npropyloo=>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]	5.77E-05
576	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>CH_2OH+O_2-- >[CH_2OH]CH_2OH+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.75E-05
577	[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-- >[CH_2O]CH_2O+HO_2=>CH_2OH+O_2-->[CH_2OH]CH_2OH+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.75E-05
578	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	5.71E-05

579	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+npropyloo=>ipropyloxy+npropyloxy+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	5.67E-05
580	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	5.61E-05
581	[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-- >[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	5.61E-05
582	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+HO_2=>oxirane+OH-->[oxirane]	5.60E-05
583	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+HO_2=>oxirane+OH-->[oxirane]	5.58E-05
584	[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	5.56E-05

585	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-->[C_2H_4]C_2H_4+HO_2=>oxirane+OH-->[oxirane]	5.44E-05
586	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	5.43E-05
587	[npropyl]well_1=>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-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	5.43E-05
588	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-->[C_2H_4]C_2H_4+HO_2=>oxirane+OH-->[oxirane]	5.38E-05
589	[npropyl]npropyloo=>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]	5.32E-05
590	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy+O_2=>acrolein+HO_2-->[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.29E-05
591	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-->[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-->[acetaldehyde]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.21E-05
592	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]vinoxylmethyl=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	5.15E-05

593	[npropyl]npropyloo=>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]	5.08E-05
594	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.08E-05
595	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+acetaldehyde=>CH_3OOH+acetyl-- >[acetyl]acetylperoxy+HO_2=>CH_3CO_3H+O_2-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	5.04E-05
596	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C_2H_3+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	5.04E-05
597	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C_2H_3+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	5.02E-05
598	[npropyl]npropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[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]	5.01E-05

599	[npropyl]npropyloo=>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-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.95E-05
600	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO=>CH_2CH_2OOH-- >[CH_2CH_2OOH]CH_2CH_2OOH=>oxirane+OH-->[oxirane]	4.95E-05
601	[npropyl]npropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-->[allyl]allyl+HO_2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	4.90E-05
602	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	4.86E-05
603	[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-- >[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[ipropyl]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.85E-05
604	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[ipropyl]ipropyloo+HO_2=>ipropylooh+O_2-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	4.83E-05

605	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	4.80E-05
606	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	4.78E-05
607	[npropyl]npropyloo=>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]	4.75E-05
608	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]H+C_2H_4(+M)=>C_2H_5(+M)-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.75E-05
609	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.72E-05
610	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-- >[C_2H_4]H+C_2H_4(+M)=>C_2H_5(+M)-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.71E-05
611	[npropyl]npropyloo=>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]	4.69E-05

612	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.69E-05
613	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O- ->[CH_2O]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	4.67E-05
614	[npropyl]npropyloo=>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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.67E-05
615	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]C_2H_5+CH_2O=>npropyloxy-- >[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]	4.64E-05
616	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.63E-05
617	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[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]	4.63E-05

618	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+H=>CH_2CHCO+H_2-->[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2--> [vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.61E-05
619	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-->[propen1yl]propen1yl+O_2=>acetaldehyde+HCO--> [acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2--> [acetyl]acetyl(+M)=>CH_3+CO(+M)--> [CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH--> [CH_3O]	4.57E-05
620	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2--> [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]	4.53E-05
621	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl--> [ipropyl]ipropyloo+CH_3CH_2OO=>ipropyloxy+ethoxy+O_2--> [ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2--> [CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.53E-05
622	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH--> [frag_1]frag_1=>vinoxy+CH_2O--> [CH_2O]npropyloo+CH_2O=>npropylooh+HCO--> [npropylooh]npropylooh=>npropyloxy+OH--> [npropyloxy]npropyloxy=>C_2H_5+CH_2O--> [CH_2O]CH_2O+formylperoxy=>HCO+formylooh--> [formylooh]formylooh=>formyloxy+OH-->[formyloxy]	4.51E-05
623	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2--> [allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	4.49E-05
624	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH--> [allyloxy]allyloxy=>C_2H_3+CH_2O--> [CH_2O]npropyloo+CH_2O=>npropylooh+HCO--> [npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	4.44E-05

625	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>oxirane+OH-- >[oxirane]	4.44E-05
626	[npropyl]O_2+npropyl=>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]	4.44E-05
627	[npropyl]npropyloo=>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]	4.43E-05
628	[npropyl]npropyloo=>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]	4.42E-05
629	[npropyl]npropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-->[allyl]allyl+HO_2=>prod_2-- >[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	4.36E-05
630	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	4.33E-05
631	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+CH_3OO=>ipropyloxy+CH_3O+O_2-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.33E-05
632	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	4.31E-05

633	[npropyl]npropyloo=>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_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.31E-05
634	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-- >[ethoxy]ethoxy+O_2=>acetaldehyde+HO_2-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	4.28E-05
635	[npropyl]O_2+npropyl=>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]	4.25E-05
636	[npropyl]O_2+npropyl=>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]	4.25E-05
637	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	4.24E-05
638	[npropyl]npropyloo=>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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.19E-05
639	[npropyl]npropyloo=>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]	4.19E-05
640	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>OH+prod_5-- >[prod_5]prod_5=>frag_5+OH-->[frag_5]	4.18E-05

641	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>OH+prod_5--> >[prod_5]	4.18E-05
642	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[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]	4.12E-05
643	[npropyl]O_2+QOOH_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]	4.12E-05
644	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	4.10E-05
645	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>CH_2OH+O_2-- >[CH_2OH]CH_2OH+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	4.10E-05
646	[npropyl]npropyloo+C_3H_8=>npropylooh+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]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]	4.09E-05
647	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	4.09E-05
648	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]O_2+ipropyl=>OH+propoxide-->[propoxide]	4.01E-05

649	[npropyl]npropyloo=>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=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	4.00E-05
650	[npropyl]npropyloo=>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]	4.00E-05
651	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]C_2H_5+O_2=>acetaldehyde+OH-->[acetaldehyde]	3.97E-05
652	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]C_2H_5+O_2=>acetaldehyde+OH-->[acetaldehyde]	3.97E-05
653	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.94E-05
654	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.93E-05
655	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	3.88E-05

656	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+H+M=>CH_2OH+M-- >[CH_2OH]CH_2OH+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.86E-05
657	[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-- >[CH_2O]CH_2O+H+M=>CH_2OH+M-->[CH_2OH]CH_2OH+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.85E-05
658	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[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]	3.83E-05
659	[npropyl]npropyloo=>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]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.82E-05
660	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]$CH_3CH_2OO+C_3H_8$=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	3.81E-05

661	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.79E-05
662	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.79E-05
663	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	3.79E-05
664	[npropyl]npropyloo=>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]	3.79E-05
665	[npropyl]npropyloo=>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]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.77E-05
666	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C_2H_3+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.77E-05
667	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>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]	3.77E-05

668	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy+O_2=>acrolein+HO_2-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.76E-05
669	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	3.74E-05
670	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.70E-05
671	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.63E-05
672	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+HO_2=>oxirane+OH-->[oxirane]	3.59E-05
673	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+HO_2=>oxirane+OH-->[oxirane]	3.59E-05

674	[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-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[HCO]HCO+O_2=>formylperoxy-->[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	3.57E-05
675	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[HCO]HCO+O_2=>formylperoxy-->[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	3.57E-05
676	[npropyl]npropyloo=>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]ipropyloxy=>CH_3+acetaldehyde-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.56E-05
677	[npropyl]npropyloo=>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]	3.54E-05
678	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-->[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	3.54E-05
679	[npropyl]npropyloo=>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+CH_3OO=>CH_2CHCO+CH_3OOH-->[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.54E-05

680	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[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]	3.52E-05
681	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO=>CH_2CH_2OOH-- >[CH_2CH_2OOH]CH_2CH_2OOH=>oxirane+OH-->[oxirane]	3.51E-05
682	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO=>CH_2CH_2OOH-- >[CH_2CH_2OOH]CH_2CH_2OOH=>oxirane+OH-->[oxirane]	3.51E-05
683	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>CH_2OH+O_2-- >[CH_2OH]CH_2OH+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.43E-05
684	[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-- >[CH_2O]CH_2O+HO_2=>CH_2OH+O_2-->[CH_2OH]CH_2OH+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	3.43E-05

685	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+H+M=>CH_2OH+M-- >[CH_2OH]CH_2OH+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	3.39E-05
686	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]C_2H_5+O_2=>acetaldehyde+OH-->[acetaldehyde]	3.38E-05
687	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.36E-05
688	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>ketene+CH_3+H-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.34E-05
689	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[CH_2O]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	3.34E-05
690	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	3.31E-05
691	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.31E-05
692	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.27E-05

693	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	3.25E-05
694	[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-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	3.24E-05
695	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	3.24E-05
696	[npropyl]npropyloo=>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]vinoxylmethyl=>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]	3.22E-05
697	[npropyl]well_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]	3.21E-05
698	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[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]	3.21E-05

699	[npropyl]npropyloo=>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=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.19E-05
700	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	3.19E-05
701	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.12E-05
702	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	3.12E-05
703	[npropyl]npropyloo=>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=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	3.11E-05
704	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>CH_2CH_2OOH-- >[CH_2CH_2OOH]CH_2CH_2OOH=>oxirane+OH-->[oxirane]	3.11E-05
705	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	3.05E-05

706	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	3.02E-05
707	[npropyl]npropyloo=>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]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	3.01E-05
708	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[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]	3.00E-05
709	[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-- >[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-->[HCO]HCO+HO_2=>CO_2+OH+H-->[CO_2]	3.00E-05
710	[npropyl]npropyloo=>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]	3.00E-05
711	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-- >[HCO]HCO+HO_2=>CO_2+OH+H-->[CO_2]	2.99E-05
712	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.99E-05
713	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	2.98E-05

714	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>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]	2.94E-05
715	[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-- >[CH_2O]CH_2O+HO_2=>OCH_2OOH-->[OCH_2OOH]OCH_2OOH=>$HOCH_2OO$-- >[$HOCH_2OO$]$HOCH_2OO$+HO_2=>$HOCH_2OOH$+O_2-- >[$HOCH_2OOH$]$HOCH_2OOH$=>$HOCH_2O$+OH-->[$HOCH_2O$]	2.89E-05
716	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>OCH_2OOH-- >[OCH_2OOH]OCH_2OOH=>$HOCH_2OO$-- >[$HOCH_2OO$]$HOCH_2OO$+HO_2=>$HOCH_2OOH$+O_2-- >[$HOCH_2OOH$]$HOCH_2OOH$=>$HOCH_2O$+OH-->[$HOCH_2O$]	2.89E-05
717	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.89E-05
718	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO=>CH_2CH_2OOH-- >[CH_2CH_2OOH]CH_2CH_2OOH=>oxirane+OH-->[oxirane]	2.89E-05
719	[npropyl]npropyloo=>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=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.87E-05
720	[npropyl]npropyloo=>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]	2.87E-05

721	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[CH_2CHCO]$CH_2CHCO+O_2$=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.87E-05
722	[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-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	2.86E-05
723	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	2.85E-05
724	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.85E-05
725	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.83E-05
726	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	2.80E-05

727	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.79E-05
728	[npropyl]npropyloo=>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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.79E-05
729	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]H+C_2H_4(+M)=>C_2H_5(+M)-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.77E-05
730	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+H+M=>CH_2OH+M-- >[CH_2OH]CH_2OH+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.76E-05
731	[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-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>acetaldehyde+H-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.76E-05
732	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>acetaldehyde+H-- >[acetaldehyde]acetaldehyde+OH=>vinoxy+H_2O-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.76E-05

733	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-- >[C_2H_4]H+C_2H_4(+M)=>C_2H_5(+M)-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.76E-05
734	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	2.75E-05
735	[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.73E-05
736	[npropyl]npropyloo=>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+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.72E-05
737	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	2.70E-05
738	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	2.66E-05
739	[npropyl]O_2+npropyl=>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]	2.66E-05
740	[npropyl]npropyloo=>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+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	2.64E-05

741	[npropyl]npropyloo=>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+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.63E-05
742	[npropyl]npropyloo=>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]ethoxy=>CH_3+CH_2O- ->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.63E-05
743	[npropyl]npropyloo=>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]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.58E-05
744	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[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]	2.56E-05
745	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.53E-05
746	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	2.53E-05

747	[npropyl]npropyloo=>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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.46E-05
748	[npropyl]npropyloo=>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]acetyloxy+M=>CH_3+CO_2+M-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.45E-05
749	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>allyl+OH-->[allyl]	2.43E-05
750	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+npropyloo=>O_2+npropyloxy+npropyloxy-- >[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]	2.43E-05
751	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[allyloxy]vinoxylmethyl=>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]	2.42E-05
752	[npropyl]npropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	2.42E-05
753	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+CH_3CH_2OO=>npropyloxy+ethoxy+O_2-- >[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.41E-05

754	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[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]	2.41E-05
755	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[acetyl]CH_2O+acetylperoxy=>HCO+CH_3CO_3H-- >[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	2.41E-05
756	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	2.40E-05
757	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O_2-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	2.38E-05
758	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[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]	2.37E-05
759	[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-- >[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O_2-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	2.37E-05

760	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.36E-05
761	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	2.35E-05
762	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>HO_2+prod_6-- >[prod_6]prod_6=>propen1oxy+OH-->[propen1oxy]	2.35E-05
763	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	2.31E-05
764	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-- >[propen2yl]propen2yl+O_2=>acetyl+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	2.31E-05
765	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	2.27E-05
766	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-- >[allyloxy]vinoxylmethyl=>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]	2.25E-05

767	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-- >[HCO]HCO+O_2=>CO+HO_2-->[CO]CH_3O+CO=>CH_3+CO_2-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.25E-05
768	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.25E-05
769	[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.21E-05
770	[npropyl]O_2+QOOH_1=>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]	2.20E-05
771	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	2.20E-05
772	[npropyl]npropyloo=>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]	2.18E-05
773	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>HO_2+prod_6-- >[prod_6]prod_6=>propen1oxy+OH-- >[propen1oxy]propen1oxy+OH=>prod_6-- >[prod_6]prod_6=>propen1oxy+OH-->[propen1oxy]	2.16E-05
774	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	2.16E-05

775	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-- >[CH_2O]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	2.16E-05
776	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-- >[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	2.16E-05
777	[npropyl]npropyloo=>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=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	2.15E-05
778	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+H+M=>CH_2OH+M-- >[CH_2OH]CH_2OH+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	2.12E-05
779	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	2.12E-05
780	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	2.12E-05
781	[npropyl]npropyloo=>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]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.12E-05

782	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	2.12E-05
783	[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>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]	2.11E-05
784	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[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]	2.09E-05
785	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	2.06E-05
786	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-- >[propoxide]	2.06E-05
787	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+CH_3OO=>allyl+CH_3OOH-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	2.06E-05

788	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[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]	2.05E-05
789	[npropyl]O_2+QOOH_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]	2.04E-05
790	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O_2-->[HCO]HCO+O_2=>CO+HO_2-- >[CO]CO+HO_2=>CO_2+OH-->[CO_2]	2.04E-05
791	[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-- >[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O_2-->[HCO]HCO+O_2=>CO+HO_2-- >[CO]CO+HO_2=>CO_2+OH-->[CO_2]	2.04E-05
792	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>ethenol+CH_3-- >[CH_3]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	2.01E-05
793	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O_2-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.99E-05

794	[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-- >[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O_2-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.99E-05
795	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]C_2H_5+O_2=>acetaldehyde+OH-->[acetaldehyde]	1.97E-05
796	[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.96E-05
797	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+OH=>C_2H_3+H_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.94E-05
798	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+OH=>C_2H_3+H_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.93E-05
799	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>CH_2CH_2OOH-- >[CH_2CH_2OOH]CH_2CH_2OOH=>oxirane+OH-->[oxirane]	1.91E-05

800	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]ipropyloo+allyl=>ipropyloxy+allyloxy-- >[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]	1.90E-05
801	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+CH_3OO=>allyloxy+CH_3O-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.90E-05
802	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-->[formylethyl]formylethyl=>C_2H_4+HCO- ->[C_2H_4]C_2H_4+HO_2=>oxirane+OH-->[oxirane]	1.90E-05
803	[npropyl]O_2+npropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+npropyloo=>allyl+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.87E-05
804	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyl+HO_2=>npropyloxy+OH-->[npropyloxy]	1.86E-05
805	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide- ->[propoxide]	1.86E-05
806	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy+O_2=>acrolein+HO_2-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.85E-05
807	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	1.85E-05

808	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+C_3H_8=>CH_3OOH+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6- ->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]	1.83E-05
809	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>CH_2CH_2OOH-- >[CH_2CH_2OOH]CH_2CH_2OOH=>oxirane+OH-->[oxirane]	1.81E-05
810	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	1.78E-05
811	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+CH_3O=>CH_2CHCO+CH_3OH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.78E-05
812	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+ipropyloo=>O_2+ipropyloxy+ipropyloxy-- >[ipropyloxy]ipropyloxy=>CH_3+acetaldehyde-- >[acetaldehyde]acetaldehyde+HO_2=>acetyl+H_2O_2-- >[acetyl]acetyl(+M)=>CH_3+CO(+M)-->[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.76E-05
813	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyl+HO_2=>ipropyloxy+OH-->[ipropyloxy]	1.76E-05
814	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+HO_2=>CH_2CH_2OOH-- >[CH_2CH_2OOH]CH_2CH_2OOH=>oxirane+OH-->[oxirane]	1.75E-05

815	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_3-- >[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	1.75E-05
816	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+HO_2=>CH_2CH_2OOH-- >[CH_2CH_2OOH]CH_2CH_2OOH=>oxirane+OH-->[oxirane]	1.75E-05
817	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-- >[allyl]allyl+HO_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]	1.72E-05
818	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+acetaldehyde=>ipropylooh+acetyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.72E-05
819	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.68E-05
820	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	1.68E-05
821	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>HO_2+prod_6-- >[prod_6]prod_6=>propen1oxy+OH-- >[propen1oxy]propen1oxy+OH=>prod_6-- >[prod_6]prod_6=>propen1oxy+OH-- >[propen1oxy]propen1oxy+OH=>prod_6-- >[prod_6]prod_6=>propen1oxy+OH-->[propen1oxy]	1.68E-05
822	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>C_2H_4+HCO-->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	1.68E-05

823	[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[CH_2CHCO]$CH_2CHCO+O_2$=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.68E-05
824	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.63E-05
825	[npropyl]npropyloo+C_3H_8=>npropylooh+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]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]	1.63E-05
826	[npropyl]O_2+npropyl=>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]ipropyloxy=>CH_3+acetaldehyde-- >[CH_3]CH_3OO+HO_2=>CH_3OOH+O_2-->[CH_3OOH]CH_3OOH=>CH_3O+OH-- >[CH_3O]	1.62E-05
827	[npropyl]O_2+npropyl=>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]	1.62E-05
828	[npropyl]O_2+npropyl=>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]	1.61E-05

829	[npropyl]npropyloo=>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=>C_2H_3+CO-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.60E-05
830	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	1.60E-05
831	[npropyl]npropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	1.58E-05
832	[npropyl]npropyloo=>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+ipropyloo=>CH_2CHCO+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.58E-05
833	[npropyl]npropyloo=>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]vinoxylmethyl=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.56E-05
834	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	1.55E-05
835	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+OH=>CH_2CHCO+H_2O-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.55E-05
836	[npropyl]npropyloo=>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=>allyloxy+OH-->[allyloxy]	1.54E-05

837	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>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]	1.54E-05
838	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	1.53E-05
839	[npropyl]O_2+npropyl=>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]	1.53E-05
840	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-->[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH_3+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	1.52E-05
841	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-->[propen1yl]propen1yl+HO_2=>C_2H_4+HCO+OH-->[HCO]	1.51E-05
842	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy+O_2=>acrolein+HO_2-->[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]	1.50E-05
843	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy+O_2=>acrolein+HO_2-->[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.50E-05

844	[npropyl]O_2+npropyl=>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]	1.49E-05
845	[npropyl]npropyloo=>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+npropyloo=>CH_2CHCO+npropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.48E-05
846	[npropyl]npropyloo=>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]	1.45E-05
847	[npropyl]npropyloo=>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+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.45E-05
848	[npropyl]O_2+npropyl=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+ipropyloo=>allyl+ipropylooh-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.44E-05
849	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO=>oxirane+OH-->[oxirane]	1.43E-05
850	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C_2H_4+HCO-->[C_2H_4]C_2H_4+HO_2=>oxirane+OH-- >[oxirane]	1.41E-05
851	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+ipropyloo=>CH_2CHCO+ipropylooh-- >[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]	1.41E-05

852	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	1.40E-05
853	[npropyl]npropyloo=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+CH_3CH_2OO=>allyl+CH_3CH_2OOH-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	1.39E-05
854	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CO]	1.38E-05
855	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]O_2+QOOH_1=>OH+OH+frag_1-->[frag_1]	1.38E-05
856	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-- >[ethoxy]ethoxy=>acetaldehyde+H-- >[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-05
857	[npropyl]O_2+QOOH_1=>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]	1.37E-05
858	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.35E-05
859	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-- >[frag_1]frag_1=>vinoxy+CH_2O-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-- >[CO]CO+HO_2=>CO_2+OH-->[CO_2]	1.35E-05

860	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O--> >[propen2yl]propen2yl+HO_2=>CH_3+ketene+OH-->[ketene]	1.35E-05
861	[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>formylethyl-->[formylethyl]formylethyl=>C_2H_4+HCO- ->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	1.35E-05
862	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	1.34E-05
863	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>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]	1.34E-05
864	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>C_2H_5+HCO-- >[C_2H_5]CH_3CH_2OO+HO_2=>CH_3CH_2OOH+O_2-- >[CH_3CH_2OOH]CH_3CH_2OOH=>ethoxy+OH-->[ethoxy]	1.33E-05
865	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy+O_2=>acrolein+HO_2-- >[acrolein]acrolein+npropyloo=>CH_2CHCO+npropylooh-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.33E-05
866	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide- ->[propoxide]	1.33E-05
867	[npropyl]npropyloo=>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+OH=>allyl+H_2O-- >[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.33E-05
868	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	1.32E-05

869	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+H=>HCO+H_2-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.32E-05
870	[npropyl]npropyloo=>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]vinoxylmethyl=>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]	1.32E-05
871	[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-- >[CH_2O]CH_2O+H=>HCO+H_2-->[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	1.32E-05
872	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]npropyloo+allyl=>npropyloxy+allyloxy-- >[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]	1.32E-05
873	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]	1.30E-05
874	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]	1.30E-05
875	[npropyl]npropyloo=>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=>allyloxy+OH-->[allyloxy]	1.29E-05
876	[npropyl]npropyloo=>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]	1.26E-05

877	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-- >[ipropyl]ipropyloo+CH_2O=>ipropylooh+HCO-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.23E-05
878	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo+acetaldehyde=>npropylooh+acetyl-- >[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]	1.23E-05
879	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-- >[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-- >[propoxide]	1.20E-05
880	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	1.19E-05
881	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+HO_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]	1.18E-05
882	[npropyl]npropyloo=>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]vinoxylmethyl=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.17E-05
883	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>HO_2+C_3H_6-- >[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]	1.16E-05
884	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+OH=>C_2H_3+H_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.13E-05

885	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-->[C_2H_4]C_2H_4+OH=>C_2H_3+H_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	1.13E-05
886	[npropyl]npropyloo=>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=>allyl+H_2O_2-->[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	1.10E-05
887	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+npropyl-->[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide->[propoxide]	1.09E-05
888	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>well_3-->[well_3]well_3=>OH+prod_4-->[prod_4]prod_4=>frag_4+OH-->[frag_4]	1.08E-05
889	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>well_3-->[well_3]well_3=>OH+prod_4-->[prod_4]	1.08E-05
890	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>HO_2+prod_6-->[prod_6]prod_6=>propen1oxy+OH-->[propen1oxy]propen1oxy+OH=>prod_6-->[prod_6]prod_6=>propen1oxy+OH-->[propen1oxy]propen1oxy+OH=>prod_6-->[prod_6]prod_6=>propen1oxy+OH-->[propen1oxy]propen1oxy+OH=>prod_6-->[prod_6]prod_6=>propen1oxy+OH-->[propen1oxy]	1.08E-05
891	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-->[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	1.08E-05

892	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[HCO]HCO+HO_2=>CO_2+OH+H-->[CO_2]	1.08E-05
893	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]vinoxylmethyl=>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]	1.06E-05
894	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>O_2+ipropyl-->[ipropyl]ipropyloo+HO_2=>ipropylooh+O_2-->[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	1.06E-05
895	[npropyl]npropyloo=>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=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	1.06E-05
896	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	1.04E-05
897	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+OH=>CH_2CHCO+H_2O-->[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]	1.04E-05
898	[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	1.03E-05
899	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]C_2H_5+O_2=>C_2H_4+HO_2-->[C_2H_4]C_2H_4+HO_2=>CH_2CH_2OOH-->[CH_2CH_2OOH]CH_2CH_2OOH=>oxirane+OH-->[oxirane]	1.02E-05

900	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO=>C_2H_4+HO_2-- >[C_2H_4]C_2H_4+HO_2=>CH_2CH_2OOH-- >[CH_2CH_2OOH]CH_2CH_2OOH=>oxirane+OH-->[oxirane]	1.02E-05
901	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]CH_3CH_2OO+CH_2O=>CH_3CH_2OOH+HCO-- >[HCO]HCO+HO_2=>CO_2+OH+H-->[CO_2]	1.01E-05
902	[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy=>C_2H_4+HCO-->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	9.97E-06
903	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H-- >[acrolein]acrolein+CH_3OO=>CH_2CHCO+CH_3OOH-- >[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]	9.84E-06
904	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+H=>HCO+H_2-- >[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	9.78E-06
905	[npropyl]npropyloo=>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]vinoxylmethyl=>C_2H_3+CH_2O-->[C_2H_3]C_2H_3+O_2=>O+vinoxy-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	9.78E-06
906	[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-- >[CH_2O]CH_2O+H=>HCO+H_2-->[HCO]HCO+O_2=>CO+HO_2-- >[CO]CO+HO_2=>CO_2+OH-->[CO_2]	9.76E-06
907	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]npropyloo+CH_2O=>npropylooh+HCO-- >[HCO]HCO+HO_2=>CO_2+OH+H-->[CO_2]	9.74E-06

908	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]vinoxylmethyl=>formylethyl-->[formylethyl]formylethyl=>C_2H_4+HCO-->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-->[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	9.69E-06
909	[npropyl]npropyloo=>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=>formylethyl-->[formylethyl]formylethyl=>C_2H_4+HCO-->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-->[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	9.63E-06
910	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]O_2+ipropyl=>OH+propoxide-->[propoxide]	9.58E-06
911	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen1yl+H_2O-->[propen1yl]propen1yl+O_2=>acetaldehyde+HCO-->[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]	9.44E-06
912	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-->[ipropyl]O_2+ipropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-->[propoxide]	9.36E-06
913	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+formylperoxy=>HCO+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	9.31E-06
914	[npropyl]O_2+npropyl=>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]	9.27E-06
915	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>allyl+OH-->[allyl]allyl+HO_2=>prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	9.27E-06

916	[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+OH=>CH_2CHCO+H_2O-->[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-->[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	9.08E-06
917	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]ipropyloo=>OH+propoxide-->[propoxide]	8.89E-06
918	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy=>formylethyl-->[formylethyl]formylethyl=>C_2H_4+HCO-->[HCO]HCO+O_2=>formylperoxy-->[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	8.86E-06
919	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	8.83E-06
920	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	8.74E-06
921	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>well_3-->[well_3]well_3=>well_2-->[well_2]QOOH_2=>OH+propoxide-->[propoxide]	8.62E-06
922	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[ipropyl]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]npropyloo=>OH+propoxide-->[propoxide]	8.48E-06
923	[npropyl]npropyloo=>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_4+HCO-->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-->[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	8.45E-06
924	[npropyl]well_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]	8.40E-06

925	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-- >[C_2H_5]CH_3CH_2OO=>oxirane+OH-->[oxirane]	8.37E-06
926	[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-- >[allyloxy]allyloxy+O_2=>acrolein+HO_2-- >[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]	8.36E-06
927	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-- >[allyl]allyl+HO_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]	8.10E-06
928	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>well_3-- >[well_3]well_3=>well_5-->[well_5]well_5=>OH+prod_3-->[prod_3]	8.06E-06
929	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>well_3-- >[well_3]well_3=>well_5-->[well_5]well_5=>OH+prod_3-- >[prod_3]prod_3=>frag_3+OH-->[frag_3]	8.06E-06
930	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O_2-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>npropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	8.02E-06
931	[npropyl]npropyloo=>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]HO_2+C_3H_6=>OH+propoxide-- >[propoxide]	7.97E-06
932	[npropyl]npropyl=>CH_3+C_2H_4-->[C_2H_4]C_2H_4+OH=>CH_2CH_2OH-- >[CH_2CH_2OH]$O_2C_2H_4OH$=>OH+CH_2O+CH_2O-->[CH_2O]	7.96E-06

933	[npropyl]O_2+QOOH_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-- >[frag_3]	7.89E-06
934	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	7.85E-06
935	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-- >[ipropyloo]ipropyloo+C_3H_8=>ipropylooh+ipropyl-- >[ipropylooh]ipropylooh=>ipropyloxy+OH-->[ipropyloxy]	7.81E-06
936	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>OCH_2OOH-- >[OCH_2OOH]OCH_2OOH=>$HOCH_2OO$-- >[$HOCH_2OO$]$HOCH_2OO$+HO_2=>$HOCH_2OOH$+O_2-- >[$HOCH_2OOH$]$HOCH_2OOH$=>$HOCH_2O$+OH-- >[$HOCH_2O$]$HOCH_2O$+OH=>$HOCH_2OOH$-- >[$HOCH_2OOH$]$HOCH_2OOH$=>$HOCH_2O$+OH-->[$HOCH_2O$]	7.78E-06
937	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]formylperoxy=>HCO+O_2-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	7.63E-06
938	[npropyl]npropyloo=>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+OH=>CH_2CHCO+H_2O-- >[CH_2CHCO]CH_2CHCO+O_2=>vinoxy+CO_2-- >[vinoxy]vinoxy+O_2=>CH_2O+CO+OH-->[CO]	7.52E-06
939	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>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]	7.50E-06

940	[npropyl]npropyloo=>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]vinoxylmethyl=>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]	7.45E-06
941	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[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]	7.43E-06
942	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[ipropyl]ipropyloo+C_3H_8=>ipropylooh+npropyl-- >[npropyl]npropyloo=>OH+propoxide-->[propoxide]	7.37E-06
943	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-- >[npropylooh]npropylooh=>npropyloxy+OH-- >[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]CH_2O+HO_2=>HCO+H_2O_2- ->[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	7.28E-06
944	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-- >[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-- >[propen1ol]	7.20E-06
945	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+H=>HCO+H_2-- >[HCO]HCO+O_2=>formylperoxy-- >[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	7.16E-06
946	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>OCH_2OOH-- >[OCH_2OOH]OCH_2OOH=>CH_2O+HO_2-- >[CH_2O]CH_2O+formylperoxy=>HCO+formylooh-- >[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	7.09E-06
947	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-- >[frag_1]frag_1=>vinoxy+CH_2O-- >[CH_2O]ipropyloo+CH_2O=>ipropylooh+HCO-- >[HCO]HCO+HO_2=>CO_2+OH+H-->[CO_2]	7.07E-06

948	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	6.95E-06
949	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+O_2=>CH_2O+HO_2-->[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	6.93E-06
950	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>propen2yl+H_2O-->[propen2yl]propen2yl+O_2=>acetyl+CH_2O-->[acetyl]acetaldehyde+acetylperoxy=>acetyl+CH_3CO_3H-->[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	6.93E-06
951	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>well_3-->[well_3]well_3=>well_5-->[well_5]well_5=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]	6.82E-06
952	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_3OO+CH_2O=>CH_3OOH+HCO-->[CH_3OOH]CH_3OOH=>CH_3O+OH-->[CH_3O]CH_3O+M=>CH_2O+H+M-->[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	6.80E-06
953	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]O_2+npropyl=>OH+propoxide-->[propoxide]	6.62E-06
954	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy=>C_2H_4+HCO-->[HCO]HCO+O_2=>formylperoxy-->[formylperoxy]C_3H_8+formylperoxy=>ipropyl+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy]	6.55E-06
955	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]npropyloo=>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]	6.45E-06

956	[npropyl]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+HO_2=>HCO+H_2O_2-->[HCO]HCO+O_2=>formylperoxy-->[formylperoxy]formylperoxy=>HCO+O_2-->[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	6.17E-06
957	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+acetylperoxy=>allyl+CH_3CO_3H-->[CH_3CO_3H]CH_3CO_3H=>acetyloxy+OH-->[acetyloxy]	6.17E-06
958	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[C_2H_5]CH_3CH_2OO+C_3H_8=>CH_3CH_2OOH+ipropyl-->[ipropyl]O_2+ipropyl=>OH+propoxide-->[propoxide]	6.16E-06
959	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-->[propoxide]	6.07E-06
960	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>HO_2+prod_6-->[prod_6]prod_6=>propen1oxy+OH-->[propen1oxy]propen1oxy+OH=>prod_6-->[prod_6]prod_6=>propen1oxy+OH-->[propen1oxy]propen1oxy+OH=>prod_6-->[prod_6]prod_6=>propen1oxy+OH-->[propen1oxy]propen1oxy+OH=>prod_6-->[prod_6]prod_6=>propen1oxy+OH-->[propen1oxy]	5.75E-06
961	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>well_3-->[well_3]well_3=>HO_2+prod_7-->[prod_7]prod_7=>propen2oxy+OH-->[propen2oxy]	5.53E-06
962	[npropyl]npropyloo=>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+OH=>allyl+H_2O-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	5.52E-06
963	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]npropyloo=>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]	5.52E-06
964	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>npropyloo-->[npropyloo]well_1=>OH+prod_1-->[prod_1]	5.48E-06

965	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>npropyloo-->[npropyloo]well_1=>OH+prod_1-->[prod_1]prod_1=>frag_1+OH-->[frag_1]	5.48E-06
966	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy=>formylethyl-->[formylethyl]formylethyl=>C_2H_4+HCO-->[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	5.14E-06
967	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]O_2+QOOH_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]	5.12E-06
968	[npropyl]npropyloo=>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=>allyl+H_2O_2-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	4.78E-06
969	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+OH=>allyl+H_2O-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	4.77E-06
970	[npropyl]O_2+npropyl=>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]	4.69E-06
971	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-->[ipropyloo]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>propen1ol+OH-->[propen1ol]	4.48E-06
972	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>well_3-->[well_3]well_3=>well_5-->[well_5]well_5=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]	4.42E-06
973	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-->[ipropyloo]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]	4.30E-06
974	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[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]	4.29E-06

975	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]CH_2O+HO_2=>HCO+H_2O_2->[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	4.23E-06
976	[npropyl]O_2+npropyl=>QOOH_2-->[QOOH_2]well_2=>well_3-->[well_3]QOOH_3=>OH+propoxide-->[propoxide]	4.14E-06
977	[npropyl]npropyloo+C_3H_8=>npropylooh+npropyl-->[npropylooh]npropylooh=>npropyloxy+OH-->[npropyloxy]npropyloxy=>C_2H_5+CH_2O-->[CH_2O]CH_2O+O=>HCO+OH-->[HCO]	4.08E-06
978	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]QOOH_1=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.96E-06
979	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[ipropyl]ipropyloo=>QOOH_3-->[QOOH_3]well_3=>well_2-->[well_2]QOOH_2=>OH+propoxide-->[propoxide]	3.96E-06
980	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-->[propoxide]	3.94E-06
981	[npropyl]O_2+QOOH_1=>OH+OH+frag_1-->[frag_1]frag_1=>vinoxy+CH_2O-->[CH_2O]CH_2O+OH=>HCO+H_2O-->[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	3.91E-06
982	[npropyl]npropyloo=>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]HO_2+C_3H_6=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	3.89E-06
983	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+O=>allyl+OH-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	3.83E-06
984	[npropyl]well_1=>HO_2+prod_2-->[prod_2]prod_2=>allyloxy+OH-->[allyloxy]allyloxy=>C_2H_4+HCO-->[HCO]HCO+O_2=>CO+HO_2-->[CO]CO+HO_2=>CO_2+OH-->[CO_2]	3.79E-06
985	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+H=>allyl+H_2-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	3.50E-06
986	[npropyl]npropyloo+C_3H_8=>npropylooh+ipropyl-->[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]	3.45E-06

987	[npropyl]O_2+npropyl=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]npropyloo=>OH+propoxide-->[propoxide]	3.34E-06
988	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-->[ipropyloo]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]	3.27E-06
989	[npropyl]O_2+npropyl=>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]	3.10E-06
990	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>HO_2+C_3H_6-->[C_3H_6]C_3H_6+HO_2=>allyl+H_2O_2-->[allyl]allyl+HO_2=>allyloxy+OH-->[allyloxy]	3.02E-06
991	[npropyl]QOOH_1=>OH+propoxide-->[propoxide]	2.83E-06
992	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]QOOH_2=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	2.71E-06
993	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-->[QOOH_2]well_2=>well_3-->[well_3]QOOH_3=>OH+propoxide-->[propoxide]	2.54E-06
994	[npropyl]O_2+QOOH_1=>OH+prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]frag_3+OH=>prod_3-->[prod_3]prod_3=>frag_3+OH-->[frag_3]	2.48E-06
995	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>ipropyloo-->[ipropyloo]ipropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>OH+propoxide-->[propoxide]	2.43E-06
996	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>ipropyl-->[ipropyl]O_2+ipropyl=>QOOH_3-->[QOOH_3]QOOH_3=>OH+propoxide-->[propoxide]	2.22E-06
997	[npropyl]npropyloo=>QOOH_2-->[QOOH_2]well_2=>well_3-->[well_3]well_3=>well_5-->[well_5]well_5=>well_3-->[well_3]QOOH_3=>OH+propoxide-->[propoxide]	2.22E-06
998	[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]H+C_3H_6=>npropyl-->[npropyl]npropyloo=>HO_2+C_3H_6-->[C_3H_6]HO_2+C_3H_6=>QOOH_2-->[QOOH_2]QOOH_2=>OH+propoxide-->[propoxide]	1.94E-06

999	[npropyl]QOOH_1=>QOOH_2-->[QOOH_2]well_2=>well_3-->[well_3]QOOH_3=>OH+propoxide-->[propoxide]	1.73E-06
1000	[npropyl]O_2+npropyl=>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]	1.70E-06