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| --- | --- | --- |
| 1 | [C3H8]C3H8+OH=>iR+H2O-->  [iR]iROO=>HO2+C3H6-->  [C3H6] | 3.76E-01 |
| 2 | [C3H8]C3H8+OH=>nR+H2O-->  [nR]O2QOOH1=>OH+OQ′OOH1-->  [OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->  [OQ′O1]OQ′O1=>vinoxy+CH2O-->  [vinoxy]vinoxy+O2=>CH2O+CO+OH-->  [CO] | 1.10E-01 |
| 3 | [C3H8]C3H8+OH=>nR+H2O-->  [nR]O2QOOH1=>OH+OQ′OOH1-->  [OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->  [OQ′O1]OQ′O1=>vinoxy+CH2O-->  [CH2O] | 1.06E-01 |
| 4 | [C3H8]C3H8+OH=>nR+H2O-->  [nR]O2QOOH1=>OH+OQ′OOH1-->  [OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->  [OQ′O1]OQ′O1=>vinoxy+CH2O-->  [vinoxy]vinoxy+O2=>CH2O+CO+OH-->  [CH2O] | 1.06E-01 |
| 5 | [C3H8]C3H8+OH=>iR+H2O-->  [iR]O2+iR=>HO2+C3H6-->  [C3H6] | 7.42E-02 |
| 6 | [C3H8]C3H8+OH=>nR+H2O-->  [nR]nROO=>HO2+C3H6-->  [C3H6] | 7.42E-02 |
| 7 | [C3H8]C3H8+OH=>nR+H2O-->  [nR]O2QOOH1=>OH+OQ′OOH1-->  [OQ′OOH1] | 5.65E-02 |
| 8 | [C3H8]C3H8+OH=>iR+H2O-->  [iR]iROO+iROO=>O2+iRO+iRO-->  [iRO]iRO=>CH3+acetaldehyde-->  [acetaldehyde] | 3.53E-02 |
| 9 | [C3H8]C3H8+OH=>iR+H2O-->  [iR]iROO+HO2=>iROOH+O2-->  [iROOH]iROOH=>iRO+OH-->  [iRO]iRO=>CH3+acetaldehyde-->  [acetaldehyde] | 3.26E-02 |
| 10 | [C3H8]C3H8+HO2=>iR+H2O2-->  [iR]iROO=>HO2+C3H6-->  [C3H6] | 2.86E-02 |