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| --- | --- | --- |
| 1 | [C3H8]C3H8+OH=>iR+H2O-->  [iR]iROO=>HO2+C3H6-->  [C3H6] | 3.32E-01 |
| 2 | [C3H8]C3H8+HO2=>iR+H2O2-->  [iR]iROO=>HO2+C3H6-->  [C3H6] | 1.58E-01 |
| 3 | [C3H8]C3H8+OH=>nR+H2O-->  [nR]O2QOOH1=>OH+OQ′OOH1-->  [OQ′OOH1] | 1.48E-01 |
| 4 | [C3H8]C3H8+OH=>iR+H2O-->  [iR]O2+iR=>HO2+C3H6-->  [C3H6] | 6.38E-02 |
| 5 | [C3H8]C3H8+OH=>nR+H2O-->  [nR]O2QOOH1=>OH+OQ′OOH1-->  [OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->  [OQ′O1]OQ′O1=>vinoxy+CH2O-->  [CH2O] | 6.37E-02 |
| 6 | [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] | 6.28E-02 |
| 7 | [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] | 6.28E-02 |
| 8 | [C3H8]C3H8+OH=>nR+H2O-->  [nR]nROO=>HO2+C3H6-->  [C3H6] | 5.79E-02 |
| 9 | [C3H8]C3H8+HO2=>iR+H2O2-->  [iR]O2+iR=>HO2+C3H6-->  [C3H6] | 3.04E-02 |
| 10 | [C3H8]C3H8+HO2=>nR+H2O2-->  [nR]O2QOOH1=>OH+OQ′OOH1-->  [OQ′OOH1] | 2.04E-02 |