|  |  |
| --- | --- |
| 1 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1] |
| 2 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1] |
| 3 | [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] |
| 4 | [nR]nROO=>OH+propoxide-->[propoxide] |
| 5 | [nR]nROO=>QOOH2-->[QOOH2]QOOH2=>OH+propoxide-->[propoxide] |
| 6 | [nR]O2QOOH1=>HO2+prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy] |
| 7 | [nR]nROO+RH=>nROOH+nR-->[nROOH]nROOH=>nRO+OH-->[nRO] |
| 8 | [nR]nROO+RH=>nROOH+iR-->[nROOH]nROOH=>nRO+OH-->[nRO] |
| 9 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]CH3OO+CH2O=>CH3OOH+HCO-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 10 | [nR]nROO=>HO2+C3H6-->[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol] |
| 11 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy] |
| 12 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]iROO+CH2O=>iROOH+HCO-->[iROOH]iROOH=>iRO+OH-->[iRO] |
| 13 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]nROO+CH2O=>nROOH+HCO-->[nROOH]nROOH=>nRO+OH-->[nRO] |
| 14 | [nR]nROO=>HO2+C3H6-->[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide] |
| 15 | [nR]nROO=>HO2+C3H6-->[C3H6]C3H6+OH=>allyl+H2O-->[allyl]allyl+HO2=>prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy] |
| 16 | [nR]O2+QOOH1=>OH+OH+OQ′O1-->[OQ′O1] |
| 17 | [nR]O2+QOOH1=>OH+OH+OQ′O1-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO] |
| 18 | [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]CH3OO+CH2O=>CH3OOH+HCO-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 19 | [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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy] |
| 20 | [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]iROO+CH2O=>iROOH+HCO-->[iROOH]iROOH=>iRO+OH-->[iRO] |
| 21 | [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]nROO+CH2O=>nROOH+HCO-->[nROOH]nROOH=>nRO+OH-->[nRO] |
| 22 | [nR]O2+nR=>OH+propoxide-->[propoxide] |
| 23 | [nR]nROO=>HO2+C3H6-->[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy] |
| 24 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH3+CH2O-->[CH3]CH3OO+HO2=>CH3OOH+O2-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 25 | [nR]nROO=>HO2+C3H6-->[C3H6]HO2+C3H6=>QOOH2-->[QOOH2]QOOH2=>OH+propoxide-->[propoxide] |
| 26 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]iROO+CH2O=>iROOH+HCO-->[iROOH]iROOH=>iRO+OH-->[iRO]iRO=>CH3+acetaldehyde-->[CH3]CH3OO+HO2=>CH3OOH+O2-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 27 | [nR]nROO=>HO2+C3H6-->[C3H6]C3H6+OH=>allyl+H2O-->[allyl]allyl+HO2=>allyloxy+OH-->[allyloxy] |
| 28 | [nR]O2QOOH1=>HO2+prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+HO2=>CH2CHCO+H2O2-->[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO] |
| 29 | [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]CO+HO2=>CO2+OH-->[CO2] |
| 30 | [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]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH3+CH2O-->[CH3]CH3OO+HO2=>CH3OOH+O2-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 31 | [nR]O2+QOOH1=>HO2+prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy] |
| 32 | [nR]nROO=>HO2+C3H6-->[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>allyloxy+OH-->[allyloxy] |
| 33 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]CH2O+formylperoxy=>HCO+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy] |
| 34 | [nR]O2QOOH1=>OH+prod3-->[prod3] |
| 35 | [nR]O2QOOH1=>OH+prod3-->[prod3]prod3=>frag3+OH-->[frag3] |
| 36 | [nR]O2QOOH1=>OH+prod3-->[prod3]prod3=>frag3+OH-->[frag3]frag3+OH=>prod3-->[prod3]prod3=>frag3+OH-->[frag3] |
| 37 | [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]iROO+CH2O=>iROOH+HCO-->[iROOH]iROOH=>iRO+OH-->[iRO]iRO=>CH3+acetaldehyde-->[CH3]CH3OO+HO2=>CH3OOH+O2-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 38 | [nR]O2QOOH1=>OH+prod3-->[prod3]prod3=>frag3+OH-->[frag3]frag3+OH=>prod3-->[prod3]prod3=>frag3+OH-->[frag3]frag3+OH=>prod3-->[prod3]prod3=>frag3+OH-->[frag3] |
| 39 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-->[CO]CO+HO2=>CO2+OH-->[CO2] |
| 40 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]nROO+CH2O=>nROOH+HCO-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy] |
| 41 | [nR]nROO+RH=>nROOH+iR-->[iR]iROO=>HO2+C3H6-->[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol] |
| 42 | [nR]nROO+RH=>nROOH+nR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+RH=>CH3CH2OOH+iR-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy] |
| 43 | [nR]O2+nR=>HO2+C3H6-->[C3H6]C3H6+HO2=>propen1ol+OH-->[propen1ol] |
| 44 | [nR]nROO+RH=>nROOH+iR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+RH=>CH3CH2OOH+iR-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy] |
| 45 | [nR]nROO=>QOOH2-->[QOOH2]O2QOOH2=>O2QOOH3-->[O2QOOH3]QOOH3=>OH+propoxide-->[propoxide] |
| 46 | [nR]nROO+RH=>nROOH+iR-->[iR]iROO+RH=>iROOH+iR-->[iROOH]iROOH=>iRO+OH-->[iRO] |
| 47 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]CH2O+acetylperoxy=>HCO+CH3CO3H-->[CH3CO3H]CH3CO3H=>acetyloxy+OH-->[acetyloxy] |
| 48 | [nR]O2QOOH1=>OH+prod3-->[prod3]prod3=>frag3+OH-->[frag3]frag3+OH=>prod3-->[prod3]prod3=>frag3+OH-->[frag3]frag3+OH=>prod3-->[prod3]prod3=>frag3+OH-->[frag3]frag3+OH=>prod3-->[prod3]prod3=>frag3+OH-->[frag3] |
| 49 | [nR]nROO+RH=>nROOH+iR-->[iR]iROO=>HO2+C3H6-->[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide] |
| 50 | [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]CH2O+formylperoxy=>HCO+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy] |
| 51 | [nR]nROO=>HO2+C3H6-->[C3H6]H+C3H6=>nR-->[nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1] |
| 52 | [nR]nROO=>HO2+C3H6-->[C3H6]H+C3H6=>nR-->[nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1] |
| 53 | [nR]O2+nR=>QOOH2-->[QOOH2]QOOH2=>OH+propoxide-->[propoxide] |
| 54 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>formylperoxy-->[formylperoxy]CH2O+formylperoxy=>HCO+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy] |
| 55 | [nR]nROO+RH=>nROOH+iR-->[iR]iROO=>HO2+C3H6-->[C3H6]C3H6+OH=>allyl+H2O-->[allyl]allyl+HO2=>prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy] |
| 56 | [nR]O2QOOH1=>HO2+prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 57 | [nR]nROO=>HO2+C3H6-->[C3H6]H+C3H6=>nR-->[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] |
| 58 | [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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>CO+HO2-->[CO]CO+HO2=>CO2+OH-->[CO2] |
| 59 | [nR]nROO+RH=>nROOH+nR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]C2H4+OH=>CH2CH2OH-->[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-->[CH2O] |
| 60 | [nR]nROO+RH=>nROOH+nR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]C2H4+OH=>CH2CH2OH-->[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-->[CH2O] |
| 61 | [nR]O2+nR=>HO2+C3H6-->[C3H6]HO2+C3H6=>OH+propoxide-->[propoxide] |
| 62 | [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]nROO+CH2O=>nROOH+HCO-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy] |
| 63 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>formylperoxy-->[formylperoxy]RH+formylperoxy=>iR+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy] |
| 64 | [nR]O2+nR=>HO2+C3H6-->[C3H6]C3H6+OH=>allyl+H2O-->[allyl]allyl+HO2=>prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy] |
| 65 | [nR]nROO=>HO2+C3H6-->[C3H6]H+C3H6=>iR-->[iR]iROO+HO2=>iROOH+O2-->[iROOH]iROOH=>iRO+OH-->[iRO] |
| 66 | [nR]nROO+RH=>nROOH+iR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO=>C2H4+HO2-->[C2H4]C2H4+OH=>CH2CH2OH-->[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-->[CH2O] |
| 67 | [nR]nROO+RH=>nROOH+iR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]C2H5+O2=>C2H4+HO2-->[C2H4]C2H4+OH=>CH2CH2OH-->[CH2CH2OH]O2C2H4OH=>OH+CH2O+CH2O-->[CH2O] |
| 68 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]iROO+CH2O=>iROOH+HCO-->[iROOH]iROOH=>iRO+OH-->[iRO]iRO=>CH3+acetaldehyde-->[acetaldehyde]acetaldehyde+HO2=>acetyl+H2O2-->[acetyl]acetyl(+M)=>CH3+CO(+M)-->[CH3]CH3OO+HO2=>CH3OOH+O2-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 69 | [nR]nROO+RH=>nROOH+iR-->[iR]iROO=>HO2+C3H6-->[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy] |
| 70 | [nR]nROO+RH=>nROOH+nR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+RH=>CH3CH2OOH+nR-->[nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1] |
| 71 | [nR]nROO+RH=>nROOH+nR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+RH=>CH3CH2OOH+nR-->[nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1] |
| 72 | [nR]nROO+RH=>nROOH+nR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+RH=>CH3CH2OOH+nR-->[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] |
| 73 | [nR]O2QOOH1=>HO2+prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+CH3OO=>CH2CHCO+CH3OOH-->[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO] |
| 74 | [nR]nROO=>HO2+C3H6-->[C3H6]HO2+C3H6=>QOOH3-->[QOOH3]QOOH3=>OH+propoxide-->[propoxide] |
| 75 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]nROO+CH2O=>nROOH+HCO-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+HO2=>CH3CH2OOH+O2-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH3+CH2O-->[CH3]CH3OO+HO2=>CH3OOH+O2-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 76 | [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]CH2O+acetylperoxy=>HCO+CH3CO3H-->[CH3CO3H]CH3CO3H=>acetyloxy+OH-->[acetyloxy] |
| 77 | [nR]nROO+RH=>nROOH+nR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[CH2O]CH3OO+CH2O=>CH3OOH+HCO-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 78 | [nR]nROO=>HO2+C3H6-->[C3H6]C3H6+OH=>allyl+H2O-->[allyl]iROO+allyl=>iRO+allyloxy-->[iRO]iRO=>CH3+acetaldehyde-->[CH3]CH3OO+HO2=>CH3OOH+O2-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 79 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]CH2O+HO2=>HCO+H2O2-->[HCO]HCO+O2=>CO+HO2-->[CO]CO+HO2=>CO2+OH-->[CO2] |
| 80 | [nR]nROO+RH=>nROOH+iR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+RH=>CH3CH2OOH+nR-->[nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1] |
| 81 | [nR]nROO+RH=>nROOH+iR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+RH=>CH3CH2OOH+nR-->[nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1] |
| 82 | [nR]nROO+RH=>nROOH+iR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+RH=>CH3CH2OOH+nR-->[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] |
| 83 | [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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>formylperoxy-->[formylperoxy]CH2O+formylperoxy=>HCO+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy] |
| 84 | [nR]nROO+RH=>nROOH+nR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+RH=>CH3CH2OOH+nR-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy] |
| 85 | [nR]O2QOOH1=>HO2+prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy]allyloxy=>acrolein+H-->[acrolein]acrolein+HO2=>CH2CHCO+H2O2-->[CH2CHCO]CH2CHCO=>C2H3+CO-->[C2H3]C2H3+O2=>O+vinoxy-->[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO] |
| 86 | [nR]O2+nR=>HO2+C3H6-->[C3H6]C3H6+HO2=>allyl+H2O2-->[allyl]allyl+HO2=>prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy] |
| 87 | [nR]O2QOOH1=>OH+prod3-->[prod3]prod3=>frag3+OH-->[frag3]frag3+OH=>prod3-->[prod3]prod3=>frag3+OH-->[frag3]frag3+OH=>prod3-->[prod3]prod3=>frag3+OH-->[frag3]frag3+OH=>prod3-->[prod3]prod3=>frag3+OH-->[frag3]frag3+OH=>prod3-->[prod3]prod3=>frag3+OH-->[frag3] |
| 88 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]CH2O+O=>HCO+OH-->[HCO] |
| 89 | [nR]nROO+RH=>nROOH+iR-->[iR]iROO=>HO2+C3H6-->[C3H6]HO2+C3H6=>QOOH2-->[QOOH2]QOOH2=>OH+propoxide-->[propoxide] |
| 90 | [nR]O2QOOH1=>HO2+prod2-->[prod2]prod2=>allyloxy+OH-->[allyloxy]vinoxylmethyl=>acrolein+H-->[acrolein]acrolein+HO2=>CH2CHCO+H2O2-->[CH2CHCO]CH2CHCO+O2=>vinoxy+CO2-->[vinoxy]vinoxy+O2=>CH2O+CO+OH-->[CO] |
| 91 | [nR]nROO+RH=>nROOH+iR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[CH2O]CH3OO+CH2O=>CH3OOH+HCO-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 92 | [nR]nROO+RH=>nROOH+nR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy] |
| 93 | [nR]nROO+RH=>nROOH+iR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+RH=>CH3CH2OOH+nR-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy] |
| 94 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy]ethoxy=>CH3+CH2O-->[CH3]CH3OO+CH2O=>CH3OOH+HCO-->[CH3OOH]CH3OOH=>CH3O+OH-->[CH3O] |
| 95 | [nR]nROO+RH=>nROOH+nR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[CH2O]iROO+CH2O=>iROOH+HCO-->[iROOH]iROOH=>iRO+OH-->[iRO] |
| 96 | [nR]O2QOOH1=>OH+OQ′OOH1-->[OQ′OOH1]OQ′OOH1=>OQ′O1+OH-->[OQ′O1]OQ′O1=>vinoxy+CH2O-->[CH2O]nROO+CH2O=>nROOH+HCO-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[C2H5]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy] |
| 97 | [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]CH2O+OH=>HCO+H2O-->[HCO]HCO+O2=>formylperoxy-->[formylperoxy]RH+formylperoxy=>iR+formylooh-->[formylooh]formylooh=>formyloxy+OH-->[formyloxy] |
| 98 | [nR]QOOH1=>QOOH2-->[QOOH2]QOOH2=>OH+propoxide-->[propoxide] |
| 99 | [nR]nROO+RH=>nROOH+nR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[CH2O]nROO+CH2O=>nROOH+HCO-->[nROOH]nROOH=>nRO+OH-->[nRO] |
| 100 | [nR]nROO+RH=>nROOH+iR-->[nROOH]nROOH=>nRO+OH-->[nRO]nRO=>C2H5+CH2O-->[CH2O]CH3CH2OO+CH2O=>CH3CH2OOH+HCO-->[CH3CH2OOH]CH3CH2OOH=>ethoxy+OH-->[ethoxy] |