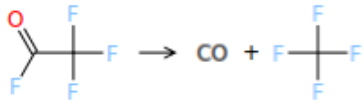
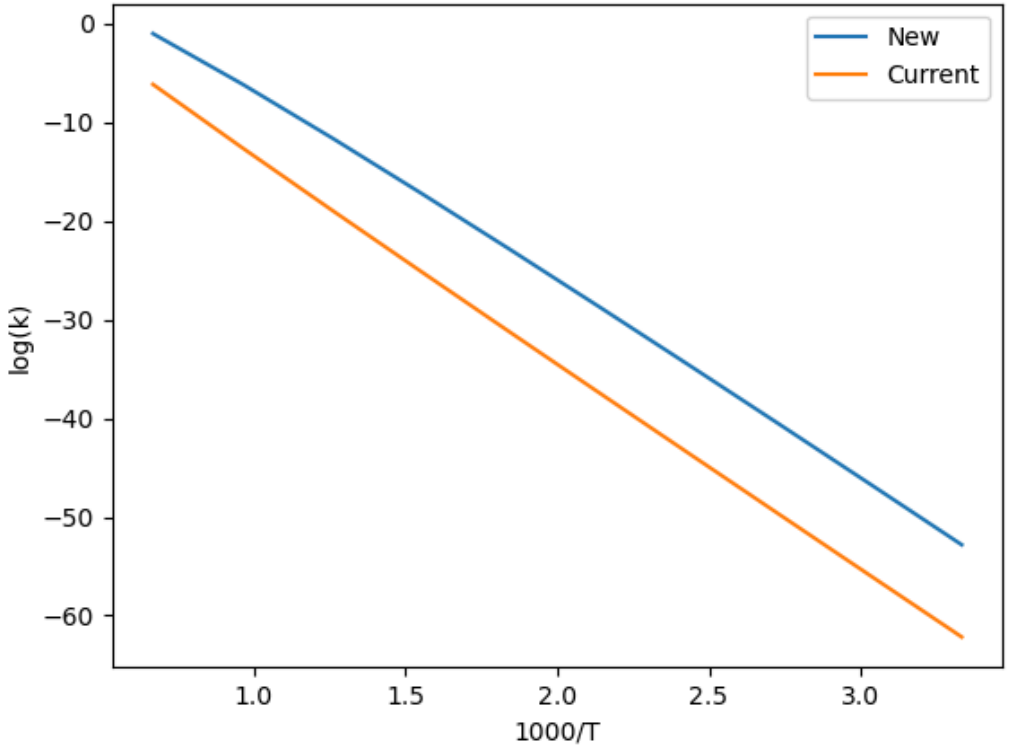
8 reactions matched to 1,2_Insertion_CO

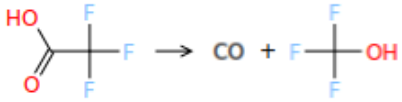
index: 18 

Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(8.99e+36,'s^-1'), n=-7.46, Ea=(97870,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.0107824,'m^3/(mol*s)'), n=2.93313, w0=(794.5,'kJ/mol'), E0=(387.509,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=0.0, var=33.13686319048999, Tref=1000.0, N=1, data_mean=0.0, correlation='Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s',), comment="""Estimated from node Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s Multiplied by reaction path degeneracy 4.0""")

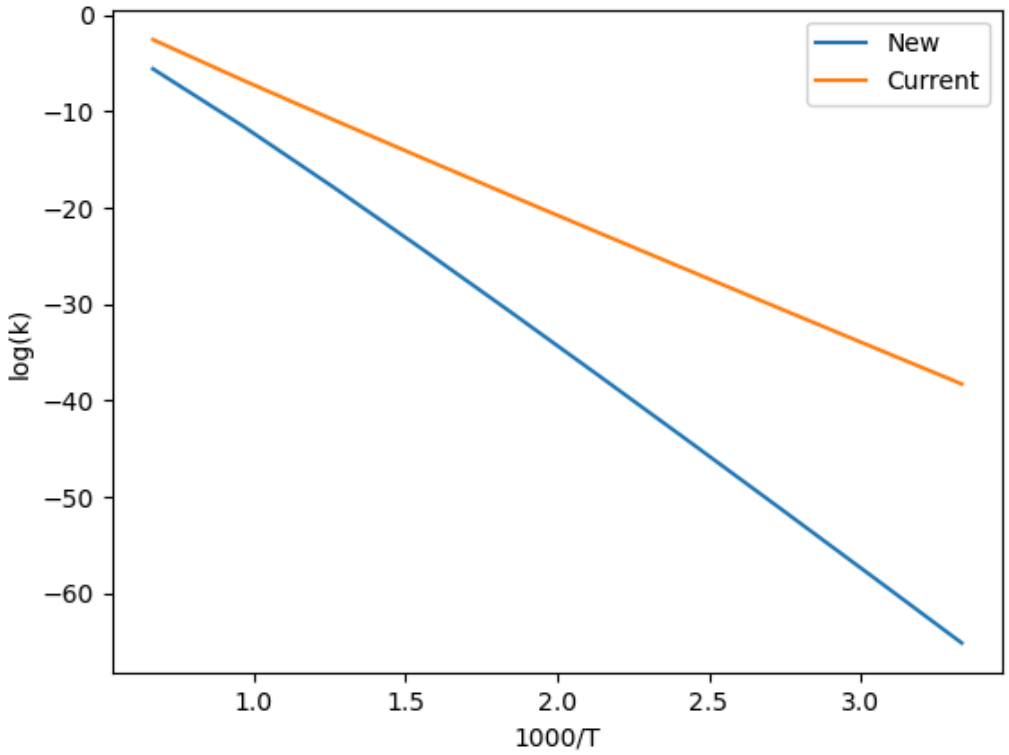


index: 26 

Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(2.83e+37,'s^-1'), n=-8.4, Ea=(112300,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.000742267,'m^3/(mol*s)'), n=2.83796, w0=(753.2,'kJ/mol'), E0=(242.307,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=1.2632766423807829, var=145.9379134136138, Tref=1000.0, N=5, data_mean=0.0, correlation='Root_N-1COCbCdCsCtHNOSSidSis->Cs',), comment="""Estimated from node Root_N-1COCbCdCsCtHNOSSidSis->Cs""")



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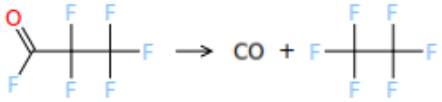
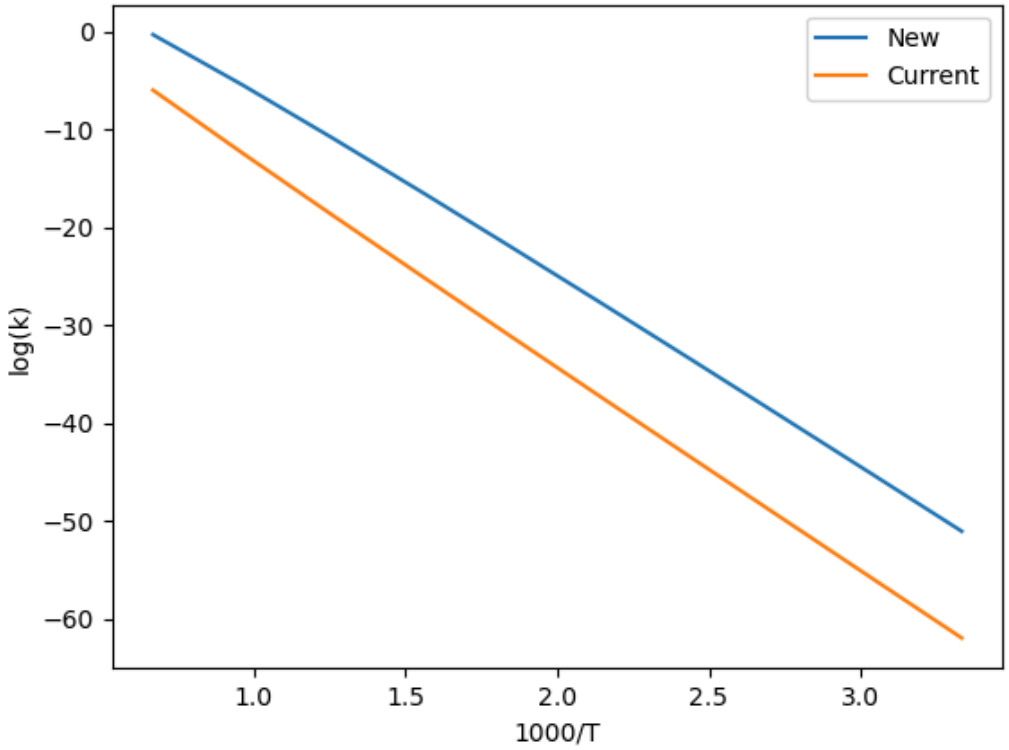


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(6.86e+31,'s^-1'), n=-5.8, Ea=(94100,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.0161736,'m^3/(mol*s)'), n=2.93313, w0=(794.5,'kJ/mol'), E0=(387.509,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=0.0, var=33.13686319048999, Tref=1000.0, N=1, data_mean=0.0, correlation='Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s',), comment="""Estimated from node Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s Multiplied by reaction path degeneracy 6.0""")



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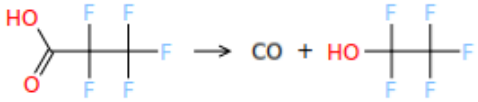
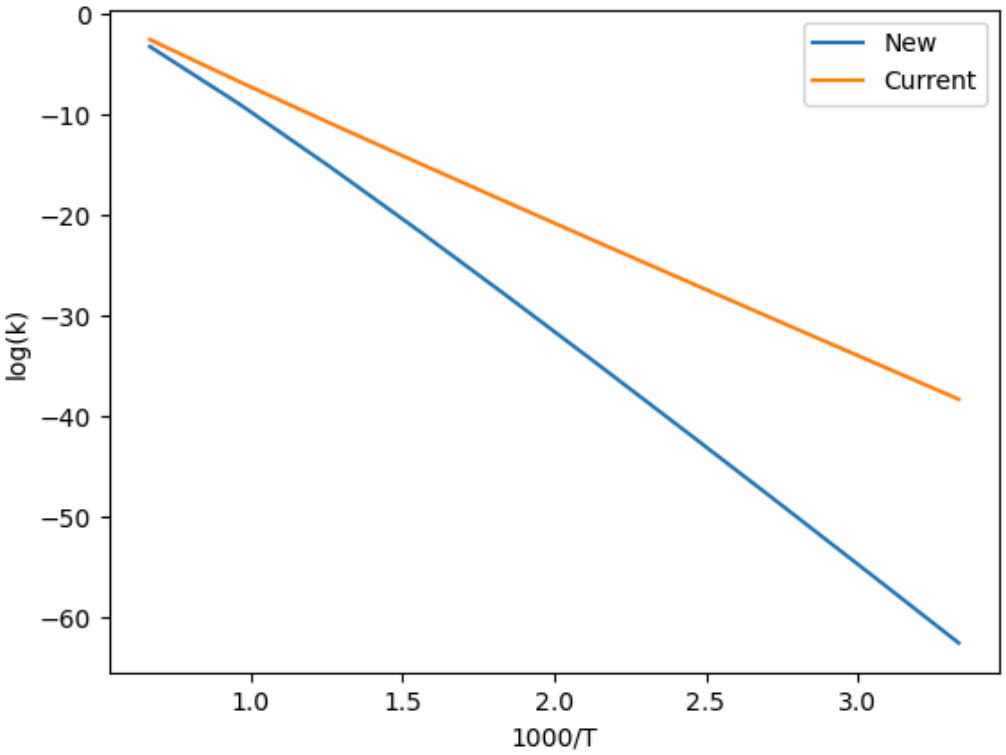


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(1.91e+46,'s^-1'), n=-10.36, Ea=(114100,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.000742267,'m^3/(mol*s)'), n=2.83796, w0=(753.2,'kJ/mol'), E0=(242.307,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=1.2632766423807829, var=145.9379134136138, Tref=1000.0, N=5, data_mean=0.0, correlation='Root_N-1COCbCdCsCtHNOSSidSis->Cs',), comment="""Estimated from node Root_N-1COCbCdCsCtHNOSSidSis->Cs""")



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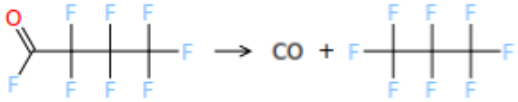
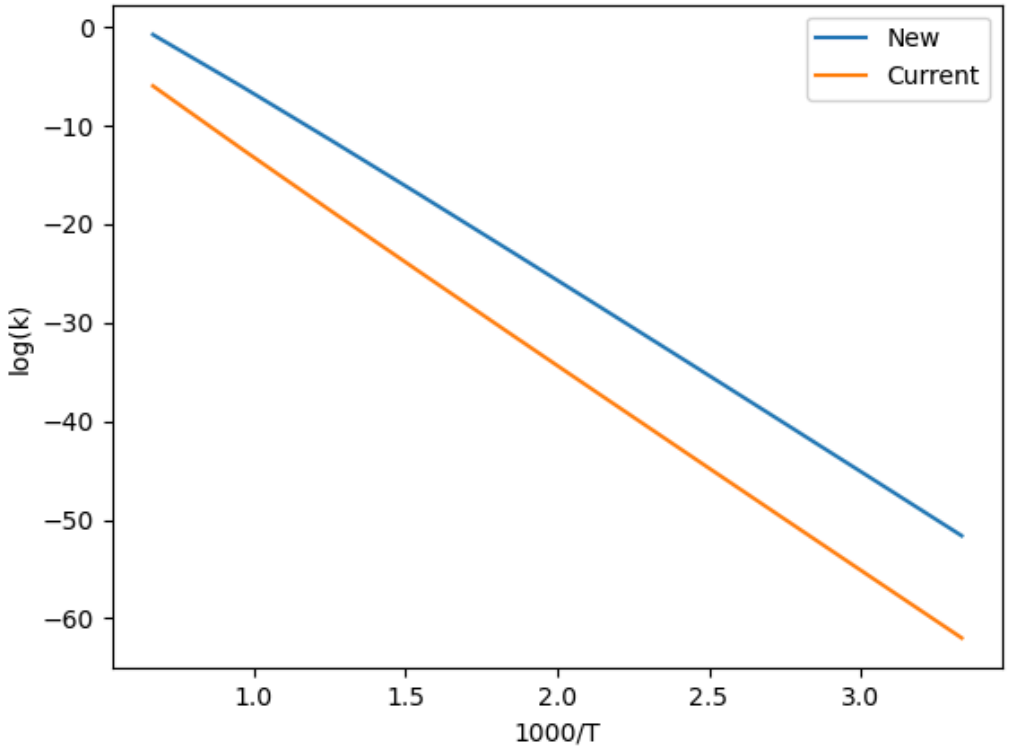


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(1.55e+25,'s^-1'), n=-3.95, Ea=(92010,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.0161736,'m^3/(mol*s)'), n=2.93313, w0=(794.5,'kJ/mol'), E0=(387.509,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=0.0, var=33.13686319048999, Tref=1000.0, N=1, data_mean=0.0, correlation='Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s',), comment="""Estimated from node Root_1COCbCdCsCtHNOSSidSis->Cs_N-2Br1sCbCdCl1sCsCtF1sHI1sNSSidSis->Cs_Ext-1Cs-R_2Br1sCl1sF1sH->F1s Multiplied by reaction path degeneracy 6.0""")



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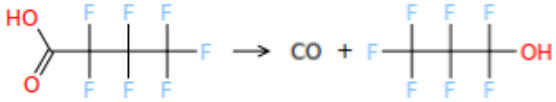
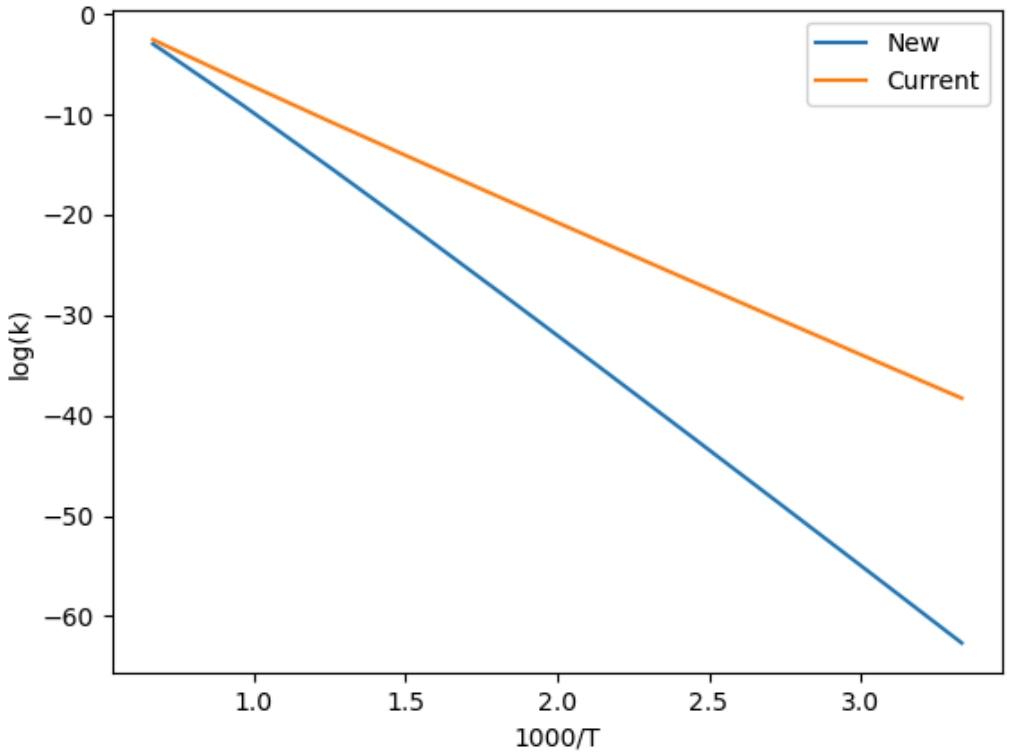
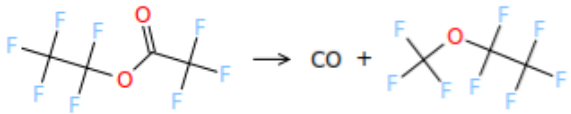


Note: Training reaction written in opposite direction from reaction family.

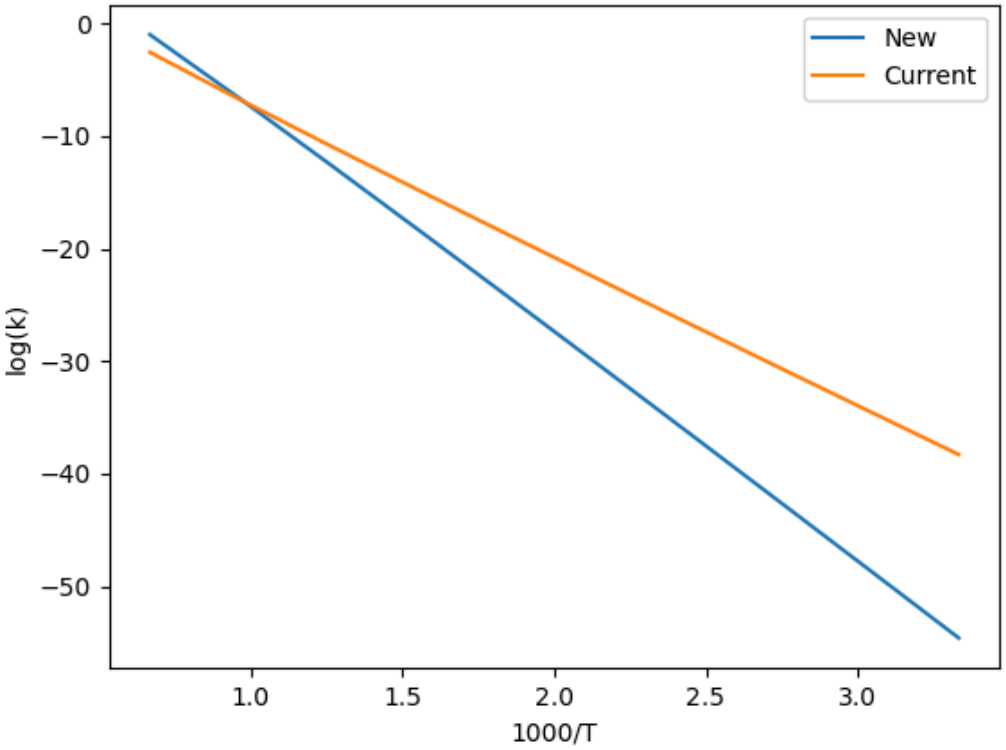
New Kinetics:
Arrhenius(A=(1.14e+33,'s^-1'), n=-6.3, Ea=(110000,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.000742267,'m^3/(mol*s)'), n=2.83796, w0=(753.2,'kJ/mol'), E0=(242.307,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=1.2632766423807829, var=145.9379134136138, Tref=1000.0, N=5, data_mean=0.0, correlation='Root_N-1COCbCdCsCtHNOSSidSis->Cs',), comment="""Estimated from node Root_N-1COCbCdCsCtHNOSSidSis->Cs""")



index: 127 

Note: Training reaction written in opposite direction from reaction family.



New Kinetics:
Arrhenius(A=(4e+23,'s^-1'), n=-3.34, Ea=(95970,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.000742267,'m^3/(mol*s)'), n=2.83796, w0=(753.2,'kJ/mol'), E0=(242.307,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=1.2632766423807829, var=145.9379134136138, Tref=1000.0, N=5, data_mean=0.0, correlation='Root_N-1COCbCdCsCtHNOSSidSis->Cs',), comment="""Estimated from node Root_N-1COCbCdCsCtHNOSSidSis->Cs""")

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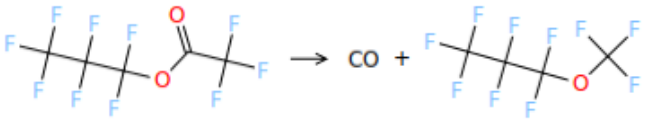

Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(2.29e+30,'s^-1'), n=-5.75, Ea=(98980,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.000742267,'m^3/(mol*s)'), n=2.83796, w0=(753.2,'kJ/mol'), E0=(242.307,'kJ/mol'), Tmin=(300,'K'), Tmax=(2000,'K'), uncertainty=RateUncertainty(mu=1.2632766423807829, var=145.9379134136138, Tref=1000.0, N=5, data_mean=0.0, correlation='Root_N-1COCbCdCsCtHNOSSidSis->Cs',), comment="""Estimated from node Root_N-1COCbCdCsCtHNOSSidSis->Cs""")