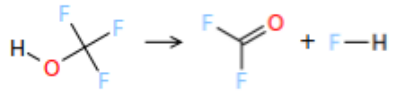
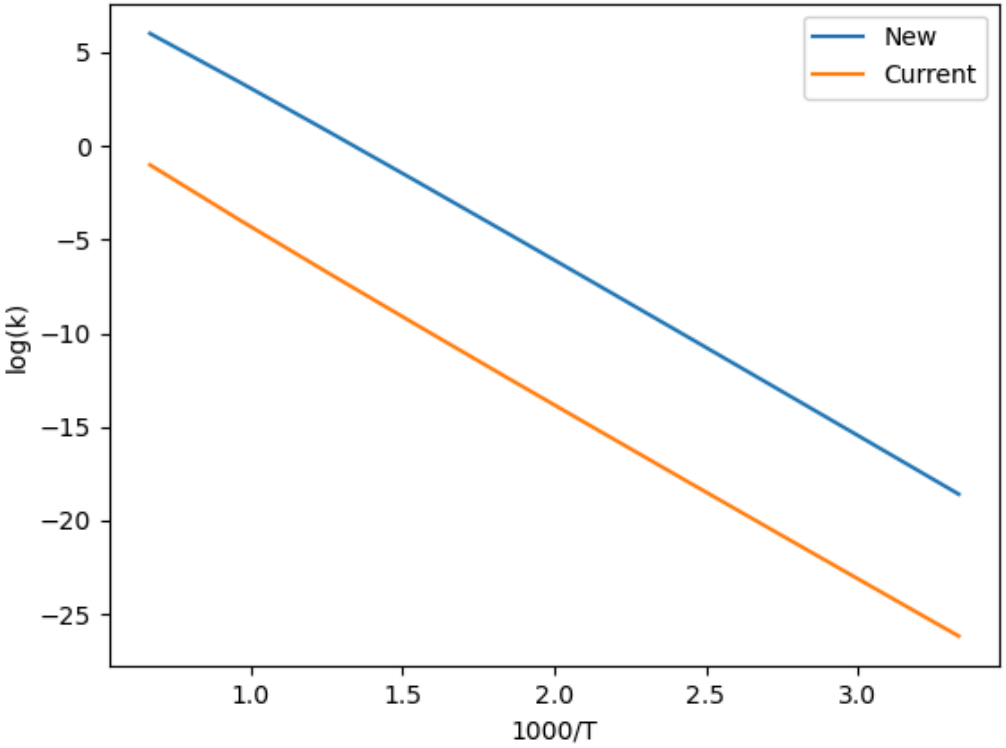
10 reactions matched to XY_Addition_MultipleBond

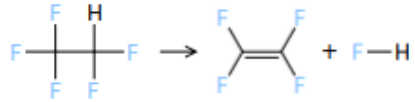
index: 5 

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

New Kinetics:
Arrhenius(A=(2.86e+17,'s^-1'), n=-1.58, Ea=(44110,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.109156,'m^3/(mol*s)'), n=1.86531, w0=(975,'kJ/mol'), E0=(171.326,'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='HF_N-3COCdCddCtO2d->Ct_N-3CdO2d->Cd_N-4COCdCddCtO2d->Cdd',), comment="""Estimated from node HF_N-3COCdCddCtO2d->Ct_N-3CdO2d->Cd_N-4COCdCddCtO2d->Cdd""")

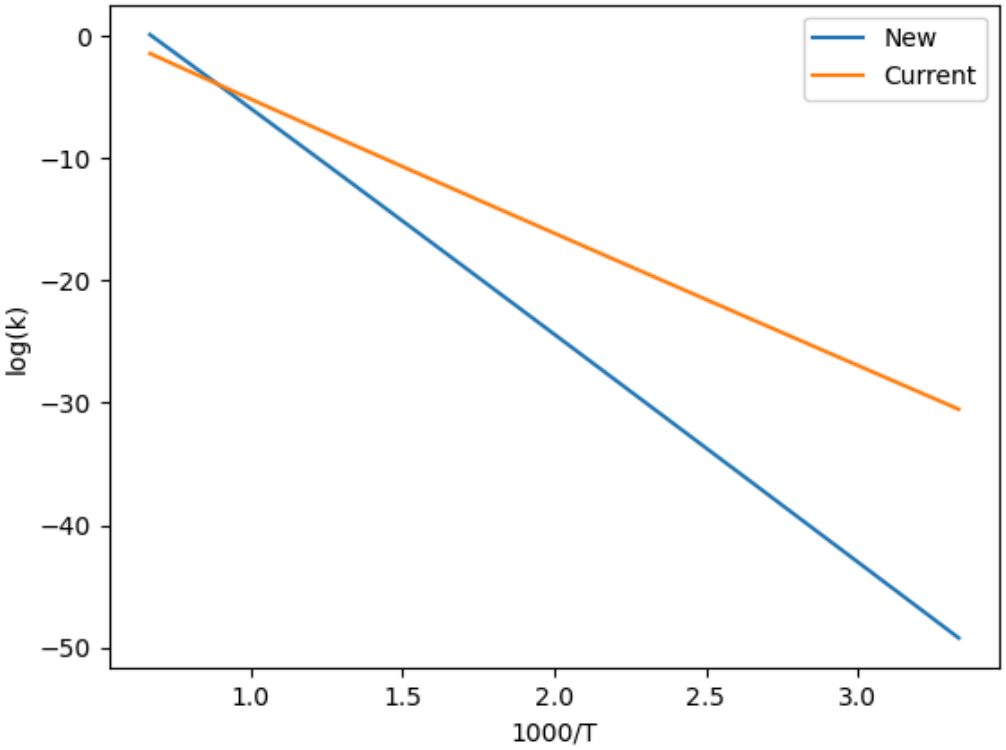


index: 10 

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

New Kinetics:
Arrhenius(A=(5.64e+16,'s^-1'), n=-1.29, Ea=(86180,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(52.9886,'m^3/(mol*s)'), n=1.22463, w0=(858.5,'kJ/mol'), E0=(202.651,'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='HF_Ext-3COCdCddCtO2d-R_Ext-4COCdCddCtO2d-R_6R!H->F_Ext-4COCdCddCtO2d-R_Ext-3COCdCddCtO2d-R',), comment="""Estimated from node HF_Ext-3COCdCddCtO2d-R_Ext-4COCdCddCtO2d-R_6R!H->F_Ext-4COCdCddCtO2d-R_Ext-3COCdCddCtO2d-R Multiplied by reaction path degeneracy 2.0""")



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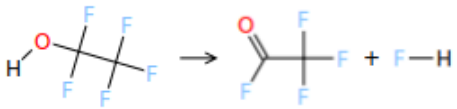
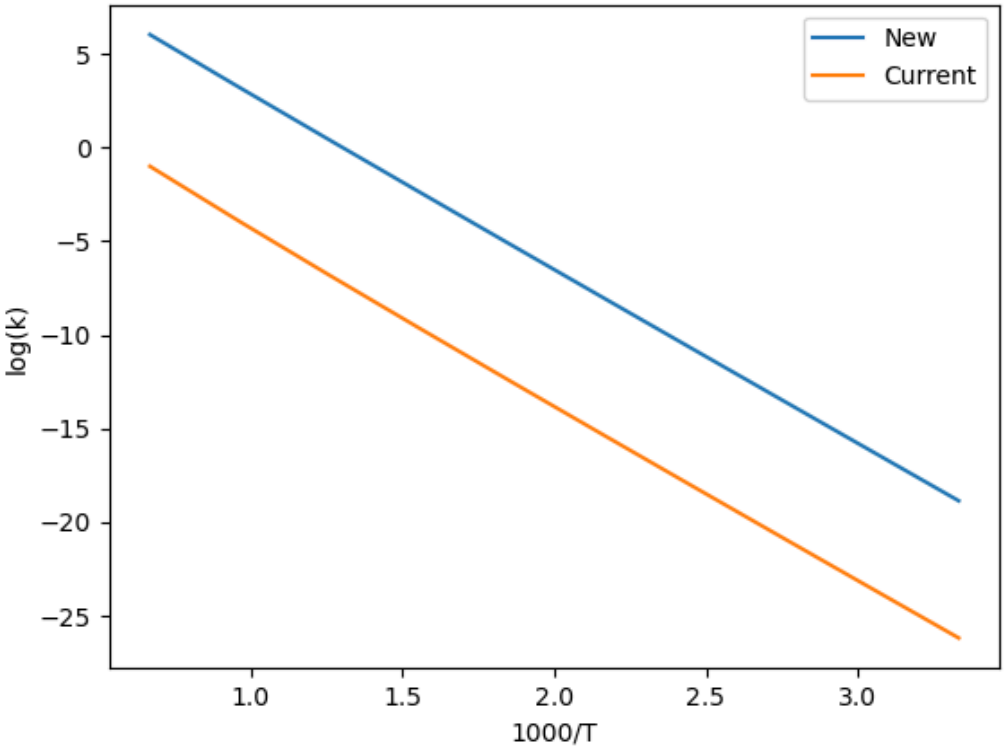


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(3.12e+09,'s^-1'), n=0.82, Ea=(41700,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.109156,'m^3/(mol*s)'), n=1.86531, w0=(975,'kJ/mol'), E0=(171.326,'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='HF_N-3COCdCddCtO2d->Ct_N-3CdO2d->Cd_N-4COCdCddCtO2d->Cdd',), comment="""Estimated from node HF_N-3COCdCddCtO2d->Ct_N-3CdO2d->Cd_N-4COCdCddCtO2d->Cdd""")



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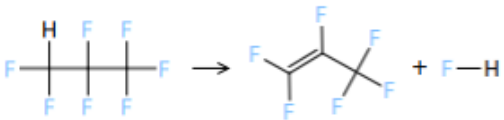
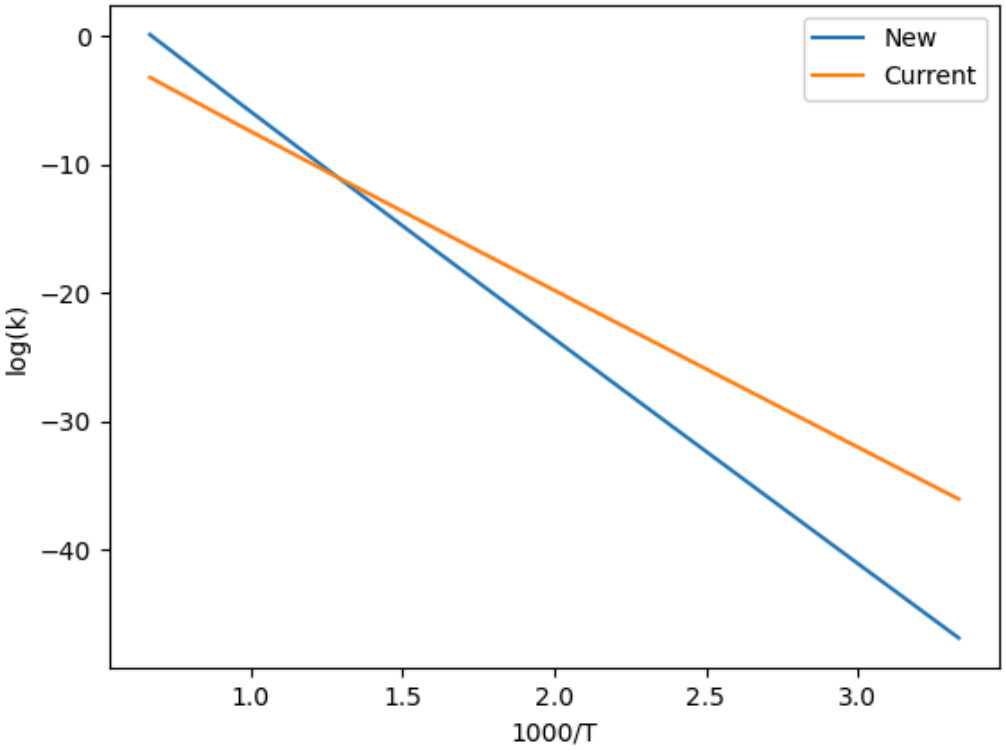


Note: Training reaction written in opposite direction from reaction family.



New Kinetics:
Arrhenius(A=(2.34e+06,'s^-1'), n=1.63, Ea=(78660,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(4.14111,'m^3/(mol*s)'), n=1.29695, w0=(858.5,'kJ/mol'), E0=(229.224,'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='HF_Ext-3COCdCddCtO2d-R_Ext-4COCdCddCtO2d-R_6R!H->F_Ext-3COCdCddCtO2d-R',), comment="""Estimated from node HF_Ext-3COCdCddCtO2d-R_Ext-4COCdCddCtO2d-R_6R!H->F_Ext-3COCdCddCtO2d-R""")

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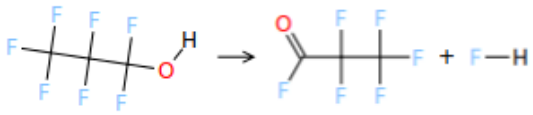
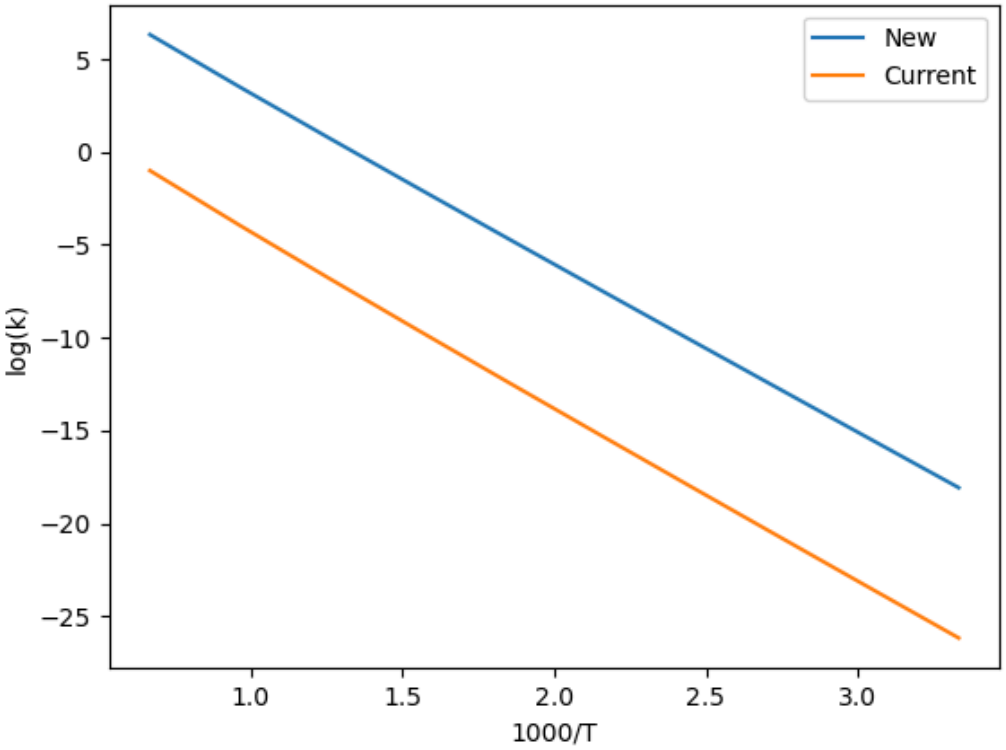


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(7.26e+07,'s^-1'), n=1.36, Ea=(40230,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.109156,'m^3/(mol*s)'), n=1.86531, w0=(975,'kJ/mol'), E0=(171.326,'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='HF_N-3COCdCddCtO2d->Ct_N-3CdO2d->Cd_N-4COCdCddCtO2d->Cdd',), comment="""Estimated from node HF_N-3COCdCddCtO2d->Ct_N-3CdO2d->Cd_N-4COCdCddCtO2d->Cdd""")



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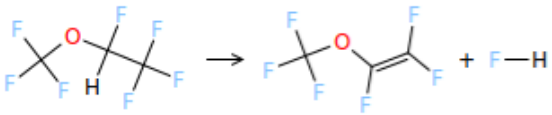
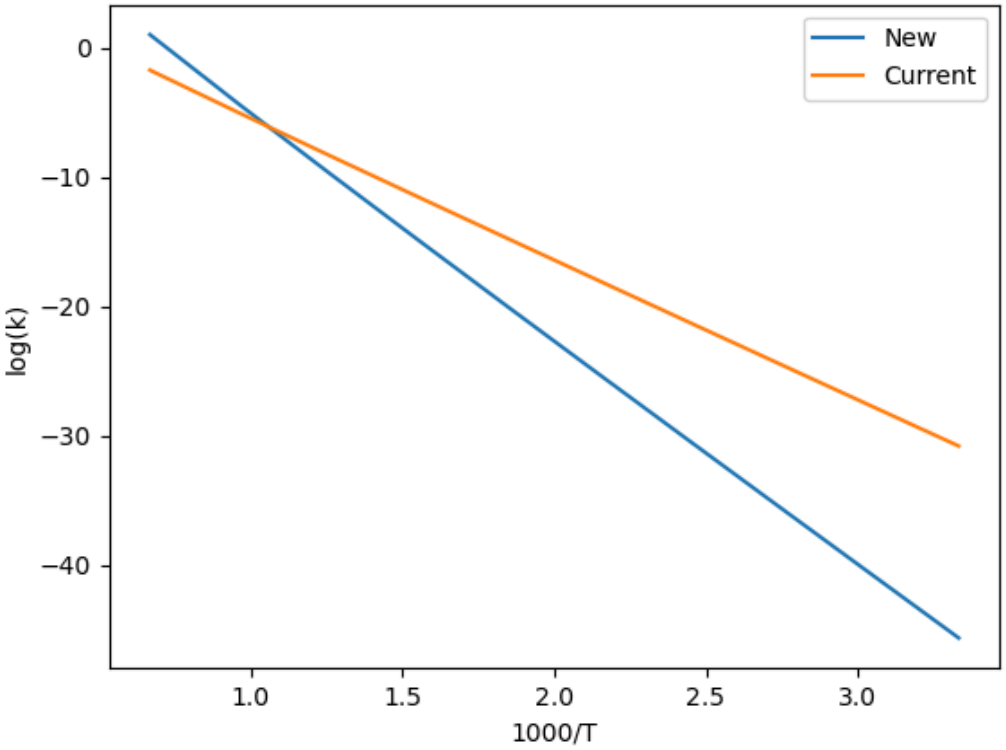


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(388,'s^-1'), n=3.01, Ea=(76490,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(26.4943,'m^3/(mol*s)'), n=1.22463, w0=(858.5,'kJ/mol'), E0=(202.651,'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='HF_Ext-3COCdCddCtO2d-R_Ext-4COCdCddCtO2d-R_6R!H->F_Ext-4COCdCddCtO2d-R_Ext-3COCdCddCtO2d-R',), comment="""Estimated from node HF_Ext-3COCdCddCtO2d-R_Ext-4COCdCddCtO2d-R_6R!H->F_Ext-4COCdCddCtO2d-R_Ext-3COCdCddCtO2d-R""")



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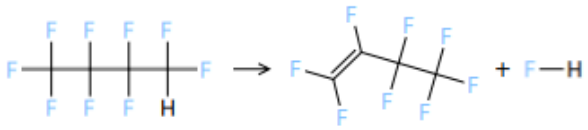
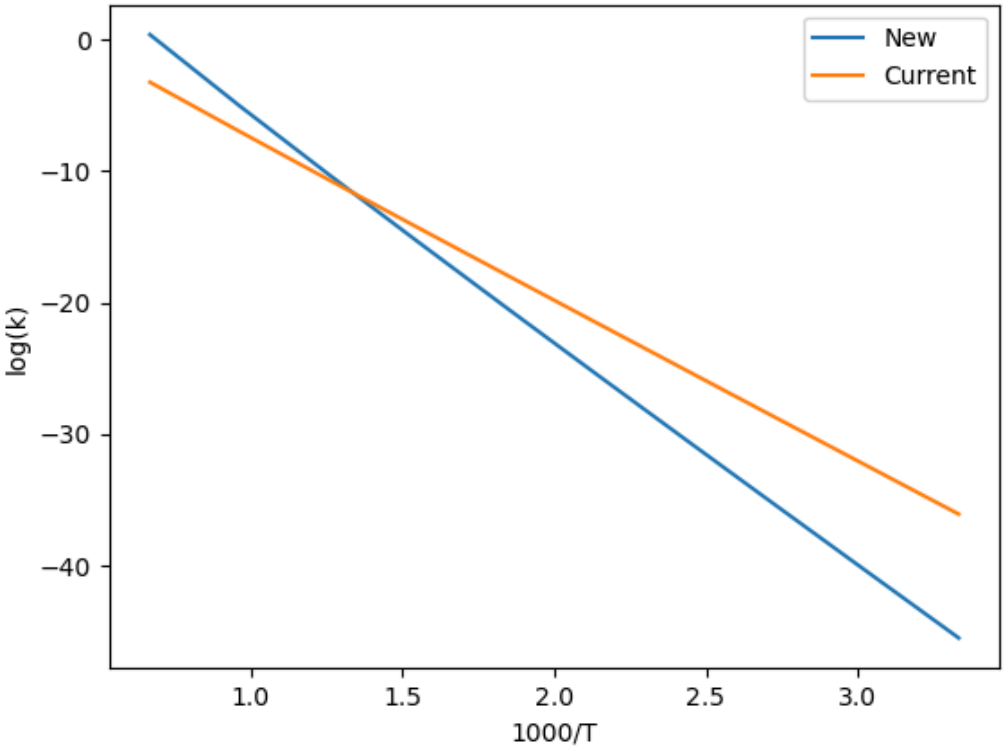


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(0.0147,'s^-1'), n=4.08, Ea=(73810,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(4.14111,'m^3/(mol*s)'), n=1.29695, w0=(858.5,'kJ/mol'), E0=(229.224,'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='HF_Ext-3COCdCddCtO2d-R_Ext-4COCdCddCtO2d-R_6R!H->F_Ext-3COCdCddCtO2d-R',), comment="""Estimated from node HF_Ext-3COCdCddCtO2d-R_Ext-4COCdCddCtO2d-R_6R!H->F_Ext-3COCdCddCtO2d-R""")



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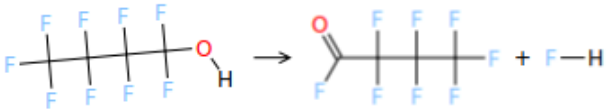
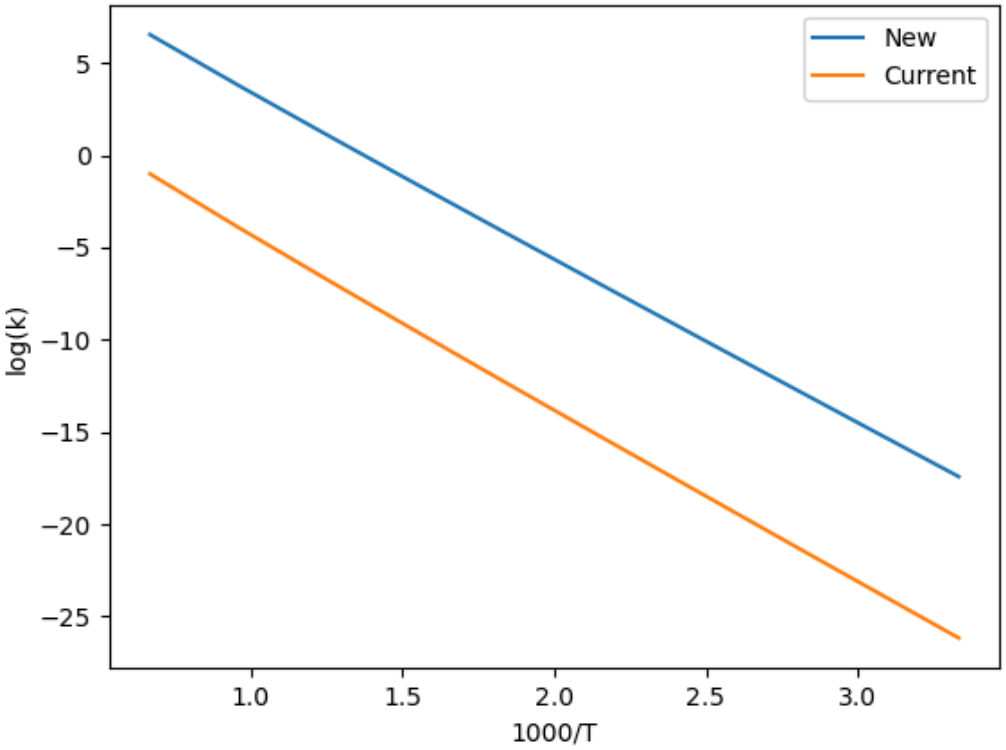


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(1.75e+07,'s^-1'), n=1.58, Ea=(39230,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(0.109156,'m^3/(mol*s)'), n=1.86531, w0=(975,'kJ/mol'), E0=(171.326,'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='HF_N-3COCdCddCtO2d->Ct_N-3CdO2d->Cd_N-4COCdCddCtO2d->Cdd',), comment="""Estimated from node HF_N-3COCdCddCtO2d->Ct_N-3CdO2d->Cd_N-4COCdCddCtO2d->Cdd""")



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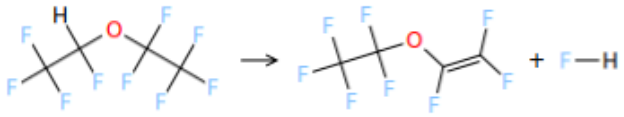
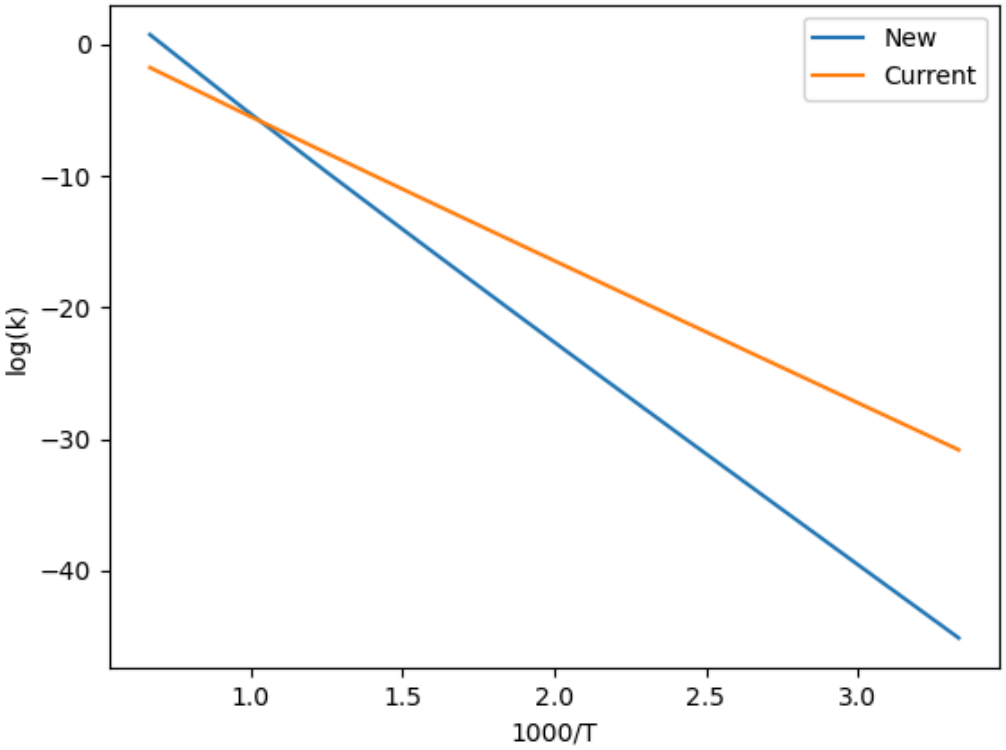


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(2.21,'s^-1'), n=3.55, Ea=(74510,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(26.4943,'m^3/(mol*s)'), n=1.22463, w0=(858.5,'kJ/mol'), E0=(202.651,'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='HF_Ext-3COCdCddCtO2d-R_Ext-4COCdCddCtO2d-R_6R!H->F_Ext-4COCdCddCtO2d-R_Ext-3COCdCddCtO2d-R',), comment="""Estimated from node HF_Ext-3COCdCddCtO2d-R_Ext-4COCdCddCtO2d-R_6R!H->F_Ext-4COCdCddCtO2d-R_Ext-3COCdCddCtO2d-R""")



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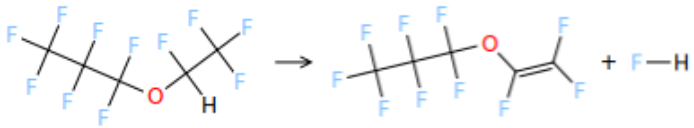

Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(1.34e+09,'s^-1'), n=0.72, Ea=(76300,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(26.4943,'m^3/(mol*s)'), n=1.22463, w0=(858.5,'kJ/mol'), E0=(202.651,'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='HF_Ext-3COCdCddCtO2d-R_Ext-4COCdCddCtO2d-R_6R!H->F_Ext-4COCdCddCtO2d-R_Ext-3COCdCddCtO2d-R',), comment="""Estimated from node HF_Ext-3COCdCddCtO2d-R_Ext-4COCdCddCtO2d-R_6R!H->F_Ext-4COCdCddCtO2d-R_Ext-3COCdCddCtO2d-R""")