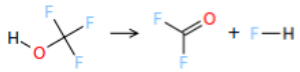
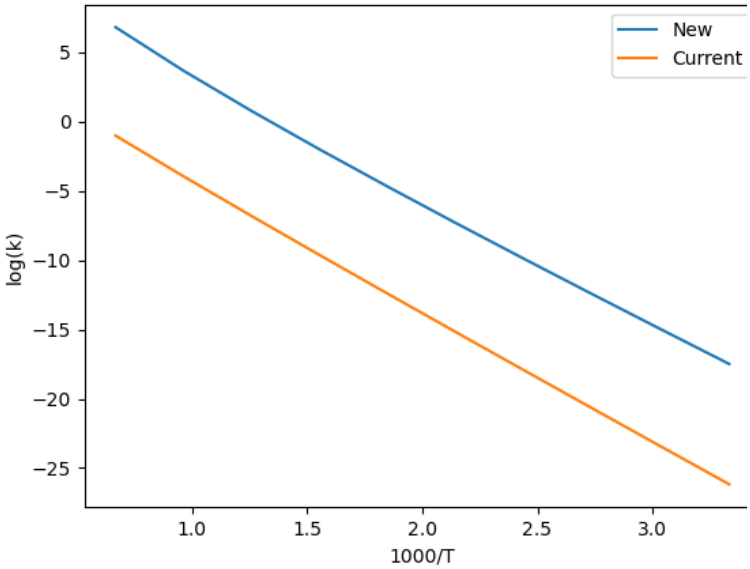
11 reactions matched to XY_Addition_MultipleBond

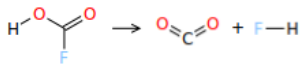
index: 8 

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

New Kinetics:
Arrhenius(A=(4e-06,'s^-1'), n=5.46, Ea=
(35158.9,'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""")

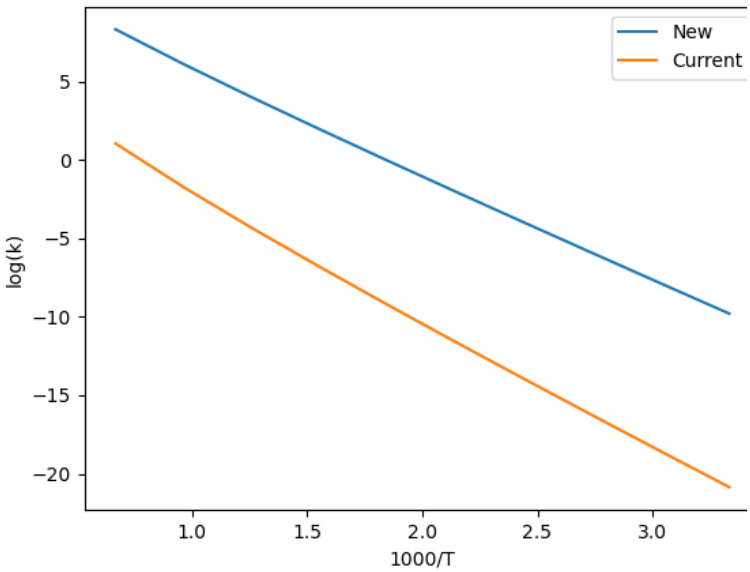


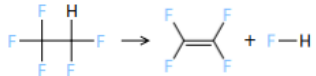
index: 10 

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

New Kinetics:
Arrhenius(A=(25300,'s^-1'), n=2.53, Ea=
(28082.1,'cal/mol'), T0=(1,'K'))

Current Kinetics
ArrheniusBM(A=(1.56067e-08,'m^3/(mol*s)'), n=4.28272,
w0=(975,'kJ/mol'), E0=(135.901,'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_4COCdCddCtO2d->Cdd',),
comment="""Estimated from node HF_N-
3COCdCddCtO2d->Ct_N-3CdO2d->Cd_4COCdCddCtO2d-
>Cdd Multiplied by reaction path degeneracy 2.0""")

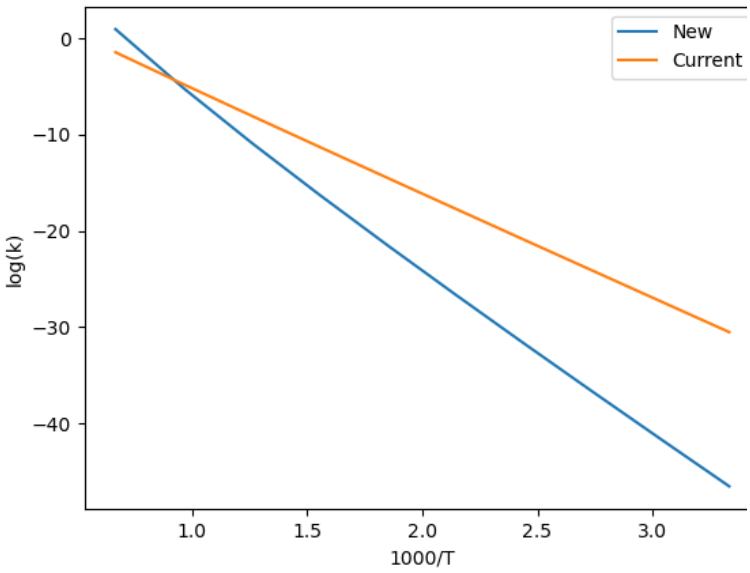


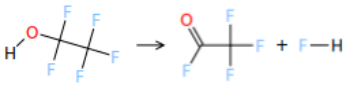
index: 17 

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

New Kinetics:
Arrhenius(A=(3.31e-23,'s^-1'), n=10.54, Ea=
(68887.1,'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""")

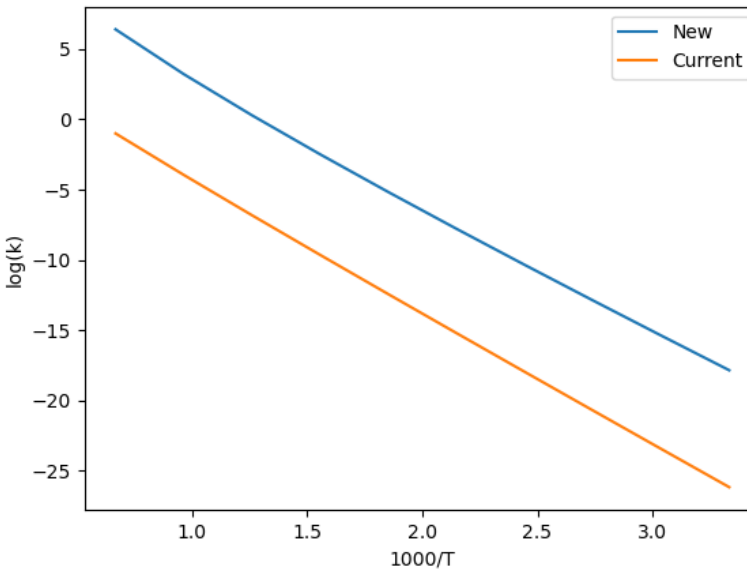


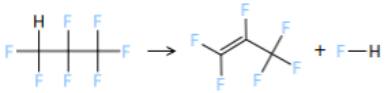
index: 35 

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

New Kinetics:
Arrhenius(A=(2.88e-08,'s^-1'), n=5.97, Ea=(34454.1,'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""")

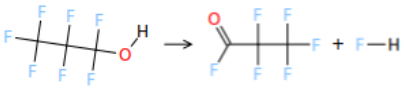


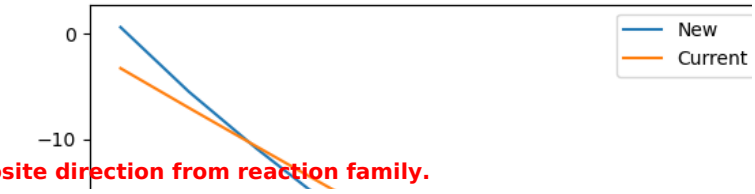
index: 56 

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

New Kinetics:
Arrhenius(A=(5.52e-42,'s^-1'), n=15.75, Ea=(55659.3,'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""")

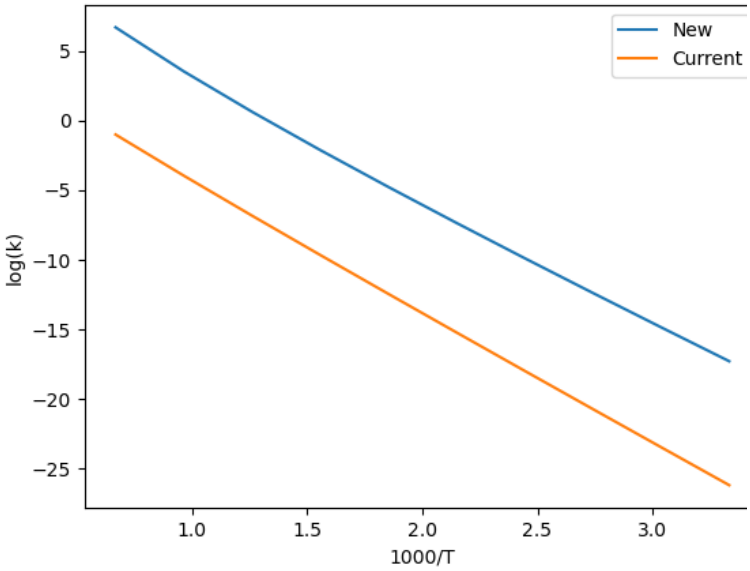
index: 79 

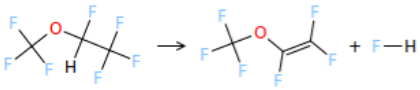


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(2.99e-08,'s^-1'), n=6.03, Ea=(33888.9,'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""")

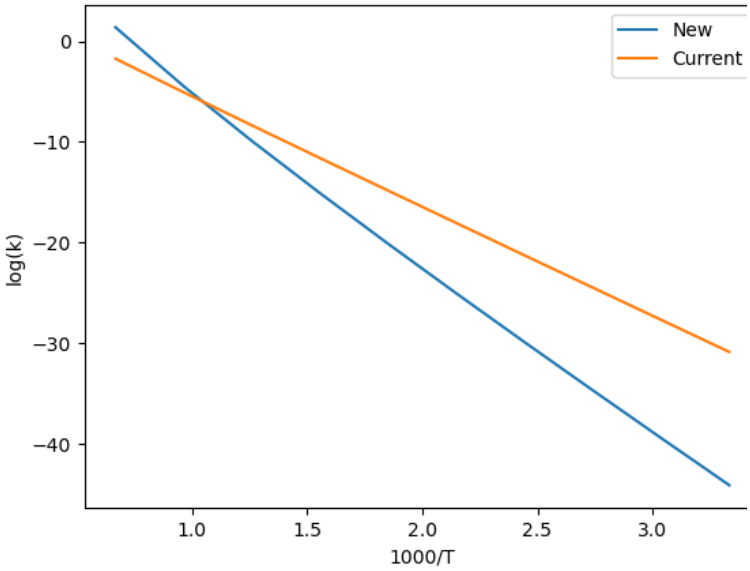


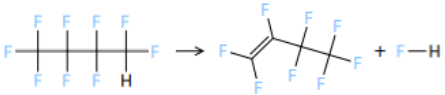
index: 83 

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

New Kinetics:
Arrhenius(A=(1.21e-20,'s^-1'), n=9.74, Ea=(66242.7,'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""")

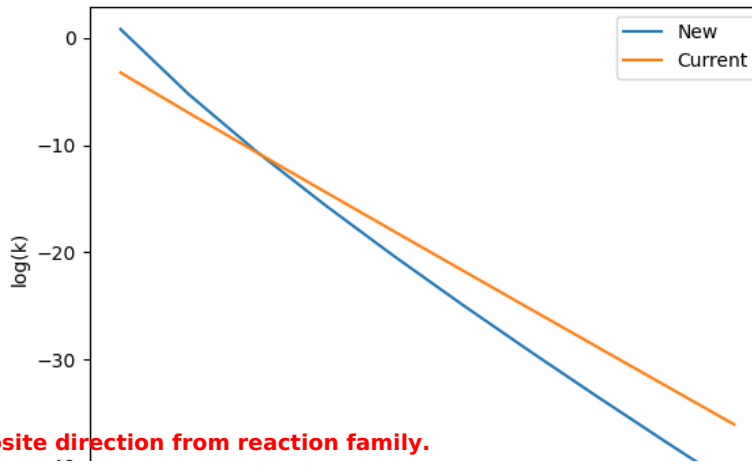


index: 114 

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

New Kinetics:
Arrhenius(A=(9e-44,'s^-1'), n=16.27, Ea=(53683.1,'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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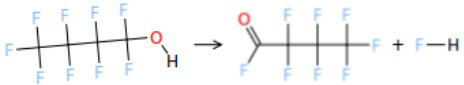
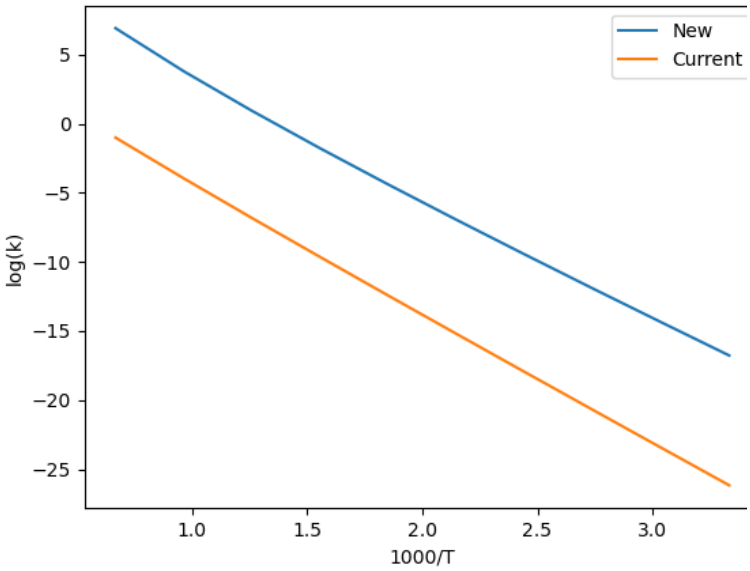


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(1.17e-07,'s^-1'), n=5.9, Ea=(33573.2,'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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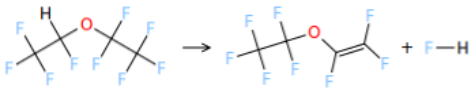
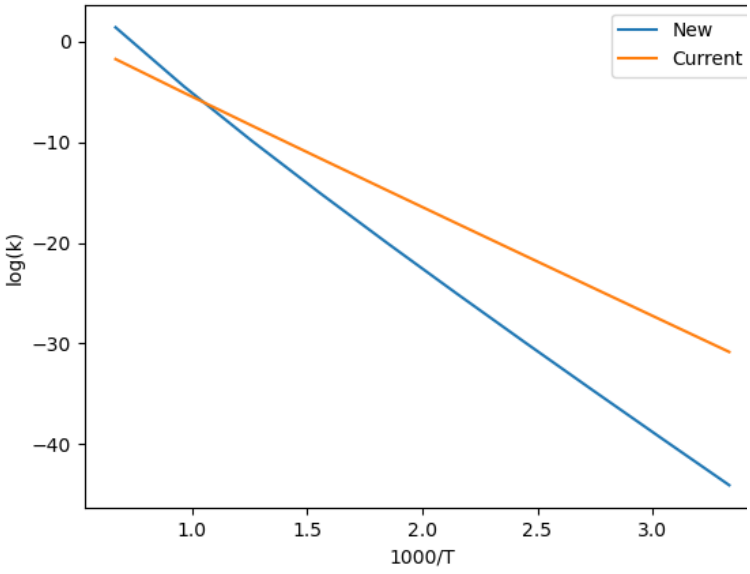


Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(1.87e-20,'s^-1'), n=9.7, Ea=(66385.9,'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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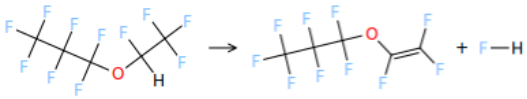

Note: Training reaction written in opposite direction from reaction family.

New Kinetics:
Arrhenius(A=(3.76e-20,'s^-1'), n=9.71, Ea=(66524.5,'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""")