

Chlorotrifluoroethylene
79-38-9 | DTXSID3026485

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	1.14	0.85	1.12	0.83	1.23

Model Results

Predicted value: 5.72e-12 cm³/molecule*sec

Global applicability domain: Inside

Local applicability domain index: 3.02e-01

Confidence level: 5.58e-01

Nearest Neighbors from the Training Set

Image not found

Chlorotrifluoroethylene

Measured: 7.00e-12

Predicted: 5.72e-12

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Ethene, 1,1-dichloro-2,2-difluoro-

Measured: 7.35e-12

Predicted: 5.42e-12

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Acetic acid, trifluoro-

Measured: 1.20e-13

Predicted: 1.81e-13

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1,1,2,3,3,3-Hexafluoro-1-propene

Measured: 2.20e-12

Predicted: 2.03e-12

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Trifluoro(trifluoromethoxy)ethylene

Measured: 3.58e-12

Predicted: 3.22e-12