

Carbon tetrachloride
56-23-5 | DTXSID8020250

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: 1.58e-16 cm³/molecule*sec

Global applicability domain: Inside

Local applicability domain index: 3.38e-01

Confidence level: 7.26e-01

Nearest Neighbors from the Training Set

Image not found

Carbon tetrachloride

Measured: 1.20e-16

Predicted: 1.58e-16

Image not found

Trichlorofluoromethane

Measured: 5.00e-16

Predicted: 4.77e-16

Image not found

Dichlorodifluoromethane

Measured: 4.00e-16

Predicted: 3.94e-16

Image not found

Phosgene

Measured: 1.00e-15

Predicted: 9.11e-16

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Methane, bromochlorodifluoro-

Measured: 1.00e-15

Predicted: 7.09e-16