

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: 1.61e-11 cm³/molecule*sec

Global applicability domain: Inside

Local applicability domain index: 3.05e-01

Confidence level: 7.47e-01

Nearest Neighbors from the Training Set

Image not found

Terbutylazine

Measured: 1.10e-11

Predicted: 1.23e-11

Image not found

Simazine

Measured: 1.10e-11

Predicted: 1.22e-11

Image not found

Isoproturon

Measured: 1.20e-11

Predicted: 3.23e-11

Image not found

Cycloate

Measured: 3.54e-11

Predicted: 2.98e-11

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4,4'-Methylenedianiline

Measured: 3.00e-11

Predicted: 4.28e-11