

1,2-Dibromoethylene
540-49-8 | DTXSID3060241

Model Performance

Model	Data
-------	------

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: 3.48×10^{-12} cm³/molecule*sec

Global applicability domain: Inside

Local applicability domain index: 3.12×10^{-1}

Confidence level: 6.03×10^{-1}

Nearest Neighbors from the Training Set

[Image not found](#)

(Z)-1,2-Dichloroethylene

Measured: 2.48×10^{-12}

Predicted: 2.80×10^{-12}

[Image not found](#)

(E)-1,2-Dichloroethylene

Measured: 2.48×10^{-12}

Predicted: 2.80×10^{-12}

[Image not found](#)

(Z)-Dichloropropene

Measured: 1.12×10^{-11}

Predicted: 1.42×10^{-11}

[Image not found](#)

trans-1,3-Dichloropropene

Measured: 1.12×10^{-11}

Predicted: 1.42×10^{-11}

[Image not found](#)

Trichloroethylene

Measured: 2.36×10^{-12}

Predicted: 2.21×10^{-12}

[Image not found](#)

Thiazole

Measured: 1.41×10^{-12}

Predicted: 2.27×10^{-11}

[Image not found](#)

Thiophene

Measured: 9.53×10^{-12}

Predicted: 2.16×10^{-11}

