

2-Chloroethanol  
107-07-3 | DTXSID1021877

### 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:** 2.40e-12 cm<sup>3</sup>/molecule\*sec

**Global applicability domain:** Inside

**Local applicability domain index:** 6.83e-01

**Confidence level:** 6.31e-01

## Nearest Neighbors from the Training Set

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2-Chloroethanol

**Measured:** 1.40e-12

**Predicted:** 2.40e-12

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1,4-Dioxane

**Measured:** 1.09e-11

**Predicted:** 7.30e-12

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2-Methyl-1,3-dioxolane

**Measured:** 9.40e-12

**Predicted:** 9.84e-12

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Epichlorohydrin

**Measured:** 4.40e-13

**Predicted:** 1.36e-12

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2-Methoxyethanol

**Measured:** 1.25e-11

**Predicted:** 1.19e-11