

Cyclohexane  
110-82-7 | DTXSID4021923

### 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
0.87	0.81	0.87	0.82	0.86	0.86

## Model Results

**Predicted value:** 6.34e-04 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 8.28e-01

**Confidence level:** 9.31e-01

## Nearest Neighbors from the Training Set

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Cyclohexane

**Measured:** 6.54e-04

**Predicted:** 6.34e-04

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Methylcyclopentane

**Measured:** 4.99e-04

**Predicted:** 6.50e-04

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Hexene

**Measured:** 5.94e-04

**Predicted:** 6.01e-04

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1-Bromopentane

**Measured:** 8.41e-04

**Predicted:** 7.68e-04

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1-Hexene

**Measured:** 5.94e-04

**Predicted:** 6.46e-04