

Nonane

111-84-2 | DTXSID9025796

### 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	0.69	0.86	0.67	0.86	0.78

## Model Results

**Predicted value:** 5.44

**Global applicability domain:** Inside

**Local applicability domain index:** 7.05e-01

**Confidence level:** 6.87e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Nonane

**Measured:** 5.65

**Predicted:** 5.44

[Image not found](#)

Decane

**Measured:** 5.01

**Predicted:** 5.24

[Image not found](#)

Octane

**Measured:** 5.18

**Predicted:** 5.05

[Image not found](#)

1-Decene

**Measured:** 5.70

**Predicted:** 5.54

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Cyclooctane

**Measured:** 4.45

**Predicted:** 4.49