

1-Nitropropane  
108-03-2 | DTXSID1020980

### 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
0.95	0.69	0.95	0.65	0.96	0.68

## Model Results

**Predicted value:** 2.53

**Global applicability domain:** Inside

**Local applicability domain index:** 9.91e-01

**Confidence level:** 6.19e-01

## Nearest Neighbors from the Training Set

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1-Nitropropane

**Measured:** 3.25

**Predicted:** 2.53

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Methyl tert-butyl ether

**Measured:** 2.58

**Predicted:** 2.53

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Chloroform

**Measured:** 2.80

**Predicted:** 2.69

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Pentane

**Measured:** 1.96

**Predicted:** 2.68

Image not found

1-Pentene

**Measured:** 1.93

**Predicted:** 2.26