

Nitromethane  
75-52-5 | DTXSID2020977

### 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
0.72	51.8	0.74	50.3	0.73	52.7

## Model Results

**Predicted value:** -42.3 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 5.03e-01

**Confidence level:** 6.41e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Nitromethane

**Measured:** -28.5

**Predicted:** -42.3

[Image not found](#)

Methyl nitrate

**Measured:** -82.5

**Predicted:** -70.1

[Image not found](#)

Ethene, nitro-

**Measured:** -55.5

**Predicted:** -62.1

[Image not found](#)

Ethyl nitrate

**Measured:** -94.6

**Predicted:** -88.0

[Image not found](#)

Nitroethane

**Measured:** -89.5

**Predicted:** -89.2