

1-Chloro-1-nitropropane  
600-25-9 | DTXSID2024797

## 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:** 43.9 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 4.65e-01

**Confidence level:** 6.18e-01

## Nearest Neighbors from the Training Set

Image not found

N-Chlorosuccinimide

**Measured:** 150

**Predicted:** 145

Image not found

Nitroethane

**Measured:** -89.5

**Predicted:** -89.2

Image not found

1-Bromopyrrolidine-2,5-dione

**Measured:** 174

**Predicted:** 162

Image not found

Ethene, nitro-

**Measured:** -55.5

**Predicted:** -62.1