

Chloromethane
74-87-3 | DTXSID0021541

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: -110 °C

Global applicability domain: Inside

Local applicability domain index: 6.57e-01

Confidence level: 6.23e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Chloromethane

Measured: -97.7

Predicted: -110

[Image not found](#)

Methyl bromide

Measured: -93.7

Predicted: -109

[Image not found](#)

Chloroethane

Measured: -139

Predicted: -126

[Image not found](#)

1-Fluoropropane

Measured: -159

Predicted: -145

[Image not found](#)

Butane, 1-fluoro-

Measured: -134

Predicted: -126