

Ethane
74-84-0 | DTXSID6026377

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
0.93	22.5	0.93	22.1	0.93	22.1

Model Results

Predicted value: -73.8 °C

Global applicability domain: Outside

Local applicability domain index: 5.05e-01

Confidence level: 4.84e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Ethane

Measured: -88.6

Predicted: -73.8

[Image not found](#)

Chloromethane

Measured: -24.0

Predicted: -25.1

[Image not found](#)

Propane

Measured: -42.1

Predicted: -29.2

[Image not found](#)

Ethylene

Measured: -104

Predicted: -71.5