

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
0.72	51.8	0.74	50.3	0.73	52.7

Model Results

Predicted value: -169 °C

Global applicability domain: Inside

Local applicability domain index: 7.12e-01

Confidence level: 5.99e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Ethane

Measured: -183

Predicted: -169

[Image not found](#)

Propane

Measured: -188

Predicted: -160

[Image not found](#)

Butane

Measured: -138

Predicted: -147

[Image not found](#)

Isobutane

Measured: -138

Predicted: -122

[Image not found](#)

Pentane

Measured: -130

Predicted: -136