

Ethylene
74-85-1 | DTXSID1026378

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
0.95	0.69	0.95	0.65	0.96	0.68

Model Results

Predicted value: 4.19e-01

Global applicability domain: Inside

Local applicability domain index: 8.97e-01

Confidence level: 6.31e-01

Nearest Neighbors from the Training Set

Image not found

Ethylene

Measured: 0.28

Predicted: 4.19e-01

Image not found

Methane

Measured: -0.380

Predicted: 1.72e-03

Image not found

Ethane

Measured: 0.42

Predicted: 1.04

Image not found

Chloromethane

Measured: 1.39

Predicted: 1.58

Image not found

Dimethyl ether

Measured: 1.37

Predicted: 1.58