

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
0.91	1.08	0.91	1.08	0.92	1.00

Model Results

Predicted value: 14100 mmHg

Global applicability domain: Inside

Local applicability domain index: 7.69e-01

Confidence level: 6.53e-01

Nearest Neighbors from the Training Set

[Image not found](#)

1-Butanol

Measured: 52100

Predicted: 7.88

[Image not found](#)

Propoxur

Measured: 8690

Predicted: 6.68e-06

[Image not found](#)

1-Propene

Measured: 2310

Predicted: 4460

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Butane

Measured: 2250

Predicted: 1310