

Ethylene oxide
75-21-8 | DTXSID0020600

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
0.89	0.25	0.88	0.26	0.75	0.38

Model Results

Predicted value: 7.58 days

Global applicability domain: Outside

Local applicability domain index: 3.18e-01

Confidence level: 8.67e-01

Nearest Neighbors from the Training Set

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Pentane

Measured: 40.7

Predicted: 6.52

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n-Hexane

Measured: 157

Predicted: 7.45

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Undecane

Measured: 88.3

Predicted: 8.56

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Decane

Measured: 157

Predicted: 8.71

[Image not found](#)

Nonane

Measured: 157

Predicted: 8.49