

Dimethylglyoxime
95-45-4 | DTXSID2044393

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: 4.59 days

Global applicability domain: Outside

Local applicability domain index: 3.10e-01

Confidence level: 8.17e-01

Nearest Neighbors from the Training Set

Image not found

Pentane

Measured: 40.7

Predicted: 6.52

Image not found

2-Methylhexane

Measured: 12.5

Predicted: 5.54

Image not found

n-Hexane

Measured: 157

Predicted: 7.45

Image not found

2-Methyloctane

Measured: 40.7

Predicted: 4.23

Image not found

2-Methylheptane

Measured: 12.5

Predicted: 3.99