

1-Octadecanol
112-92-5 | DTXSID8026935

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: 21.2 days

Global applicability domain: Outside

Local applicability domain index: 3.84e-01

Confidence level: 9.03e-01

Nearest Neighbors from the Training Set

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Hexadecane

Measured: 681

Predicted: 20.1

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Heptadecane

Measured: 990

Predicted: 20.0

[Image not found](#)

Pentadecane

Measured: 1810

Predicted: 20.8

[Image not found](#)

Octadecane

Measured: 1110

Predicted: 20.1

[Image not found](#)

Tetradecane

Measured: 1370

Predicted: 18.3