

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
0.72	51.8	0.74	50.3	0.73	52.7

Model Results

Predicted value: 58.6 °C

Global applicability domain: Inside

Local applicability domain index: 9.78e-01

Confidence level: 9.58e-01

Nearest Neighbors from the Training Set

[Image not found](#)

1-Octadecanol

Measured: 59.5

Predicted: 58.6

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Heptadecan-1-ol

Measured: 53.8

Predicted: 54.4

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1-Eicosanol

Measured: 66.1

Predicted: 63.6

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1-Hexadecanol

Measured: 49.3

Predicted: 49.7