

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
0.85	0.69	0.86	0.67	0.86	0.78

Model Results

Predicted value: 8.10

Global applicability domain: Inside

Local applicability domain index: 4.95e-01

Confidence level: 7.36e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Methyl stearate

Measured: 8.35

Predicted: 8.20

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Methyl (9Z)-octadec-9-enoate

Measured: 7.45

Predicted: 7.51

[Image not found](#)

Methyl hexadecanoate

Measured: 7.38

Predicted: 7.19

[Image not found](#)

Methyl arachidate

Measured: 9.30

Predicted: 9.19