

1-Hexadecanol  
36653-82-4 | DTXSID4027991

### 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:** 49.7 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 9.72e-01

**Confidence level:** 9.13e-01

## Nearest Neighbors from the Training Set

Image not found

1-Hexadecanol

**Measured:** 49.3

**Predicted:** 49.7

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Heptadecan-1-ol

**Measured:** 53.8

**Predicted:** 54.4

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1-Pentadecanol

**Measured:** 45.5

**Predicted:** 40.9

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1-Octadecanol

**Measured:** 59.5

**Predicted:** 58.6

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1-Tetradecanol

**Measured:** 39.5

**Predicted:** 36.1