

1-Nonanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluoro-  
376-18-1 | DTXSID3059923

### 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:** 4.39

**Global applicability domain:** Inside

**Local applicability domain index:** 3.95e-01

**Confidence level:** 3.89e-01

## Nearest Neighbors from the Training Set

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3,3,4,4,5,5,6,6,7,7,8,8,8-  
Tridecafluorooctan-1-ol

**Measured:** 4.54

**Predicted:** 4.45

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1,1,2,2-Tetrahydroperfluoro-1-  
decanol

**Measured:** 5.58

**Predicted:** 5.05

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Perflenapent

**Measured:** 4.40

**Predicted:** 4.23

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1-Decyl-2,4-dimethylpyridin-1-  
ium iodide

**Measured:** 0.54

**Predicted:** 4.75

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Methoprene

**Measured:** 5.50

**Predicted:** 5.69