

1,1,2,3,3,3-Hexafluoro-2-(trifluoromethyl)propanesulphonic acid  
93762-09-5 | DTXSID90239569

### 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:** 70.2 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 2.84e-01

**Confidence level:** 6.39e-01

## Nearest Neighbors from the Training Set

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Heptanoic acid,  
2,2,3,3,4,4,5,5,6,6,7,7-  
dodecafluoro-

**Measured:** 34.0

**Predicted:** 32.9

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Hexanedioic acid, 2,2,3,3,4,4,5,5-  
octafluoro-

**Measured:** 134

**Predicted:** 123

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Pentanedioic acid, hexafluoro-

**Measured:** 80.0

**Predicted:** 91.3

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Heptafluorobutyric acid

**Measured:** -17.5

**Predicted:** -14.1

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Butanedioic acid, 2,2,3,3-  
tetrafluoro-

**Measured:** 119

**Predicted:** 116