

Ethyl perfluoropropionate
426-65-3 | DTXSID2059980

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: 43.9 °C

Global applicability domain: Inside

Local applicability domain index: 4.30e-01

Confidence level: 3.84e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Ethyl perfluoropropionate

Measured: 75.5

Predicted: 43.9

[Image not found](#)

Methyl heptafluorobutyrate

Measured: -86.0

Predicted: -70.3

[Image not found](#)

1,2-Dichloro-3,3,3-trifluoroprop-1-ene

Measured: -109

Predicted: -109

[Image not found](#)

Isoflurane

Measured: 48.5

Predicted: 26.3

[Image not found](#)

3-chloro-1,1,1-trifluoropropane

Measured: -107

Predicted: -108