

Ethyl perfluoropropionate
426-65-3 | DTXSID2059980

Model Performance

Model	Data
-------	------

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.93	22.5	0.93	22.1	0.93	22.1

Model Results

Predicted value: 88.7 °C

Global applicability domain: Inside

Local applicability domain index: 4.99e-01

Confidence level: 7.17e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Methyl pentafluoropropionate

Measured: 59.5

Predicted: 60.6

[Image not found](#)

Ethyl heptafluorobutyrate

Measured: 95.0

Predicted: 89.8

[Image not found](#)

2,2,3,3-Tetrafluoropropyl acrylate

Measured: 133

Predicted: 124

[Image not found](#)

Methyl heptafluorobutyrate

Measured: 80.0

Predicted: 76.2