

Pentafluoropropionic acid  
422-64-0 | DTXSID8059970

## 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:** 1.43

**Global applicability domain:** Inside

**Local applicability domain index:** 5.87e-01

**Confidence level:** 7.85e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Ethyl trifluoroacetate

**Measured:** 1.18

**Predicted:** 1.04

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1-Propanol, 2,2,3,3,3-pentafluoro-

**Measured:** 1.23

**Predicted:** 1.14

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Ethyl perfluoropropionate

**Measured:** 2.12

**Predicted:** 2.04

[Image not found](#)

1-Butanol, 2,2,3,3,4,4,4-heptafluoro-

**Measured:** 1.94

**Predicted:** 1.93

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Acetic acid, trifluoro-, methyl ester

**Measured:** 0.6

**Predicted:** 7.19e-01