

Perfluorovaleric acid

2706-90-3 | DTXSID6062599

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
0.95	0.69	0.95	0.65	0.96	0.68

Model Results

Predicted value: 3.76

Global applicability domain: Inside

Local applicability domain index: 9.61e-01

Confidence level: 7.02e-01

Nearest Neighbors from the Training Set

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1-Propanol

Measured: 3.71

Predicted: 3.75

Image not found

Isopropanol

Measured: 3.41

Predicted: 3.68

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Acetic acid

Measured: 4.31

Predicted: 3.69

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tert-Butyl alcohol

Measured: 3.50

Predicted: 3.81

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2-Methyl-1-propanol

Measured: 3.93

Predicted: 3.95