

Butanedioic acid, 2,2,3,3-tetrafluoro-
377-38-8 | DTXSID8059928

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: 6.86

Global applicability domain: Outside

Local applicability domain index: 2.55e-01

Confidence level: 5.81e-01

Nearest Neighbors from the Training Set

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Salicylic acid

Measured: 7.44

Predicted: 7.60

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4-Hydroxybenzoic acid

Measured: 8.08

Predicted: 7.78

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Dipropylamine

Measured: 3.59

Predicted: 4.37

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Piperidine

Measured: 4.04

Predicted: 4.32

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1-Pentanol

Measured: 4.69

Predicted: 4.17