

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
0.84	0.55	0.85	0.53	0.83	0.64

## Model Results

**Predicted value:** 3.51

**Global applicability domain:** Outside

**Local applicability domain index:** 2.08e-01

**Confidence level:** 8.57e-01

## Nearest Neighbors from the Training Set

Image not found

3-Nitrophthalic acid

**Measured:** 5.25

**Predicted:** 4.93

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2,5-Pyridinedicarboxylic acid

**Measured:** 5.75

**Predicted:** 4.09

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7-Amino-4-hydroxynaphthalene-  
2-sulfonic acid

**Measured:** 2.40

**Predicted:** 4.77

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6-Amino-4-hydroxynaphthalene-  
2-sulfonic acid

**Measured:** 4.07

**Predicted:** 4.77