

8-Hydroxyoctanoic acid
764-89-6 | DTXSID40227234

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: 1.76

Global applicability domain: Inside

Local applicability domain index: 6.24e-01

Confidence level: 8.83e-01

Nearest Neighbors from the Training Set

[Image not found](#)

4-oxo-2-propylpentanoic acid

Measured: 1.31

Predicted: 1.27

[Image not found](#)

2-Ethylbutyric acid

Measured: 1.68

Predicted: 1.74

[Image not found](#)

2,2-Dimethylbutanoic acid

Measured: 1.90

Predicted: 1.86

[Image not found](#)

2-Methylpentanoic acid

Measured: 1.80

Predicted: 1.76