

Methanesulfonic acid
75-75-2 | DTXSID4026422

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: 5.32

Global applicability domain: Inside

Local applicability domain index: 3.27e-01

Confidence level: 7.89e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Sodium 3-nitrobenzenesulfonate

Measured: 5.01

Predicted: 5.24

[Image not found](#)

Benzenesulfonic acid, 2-chloro-5-nitro-, sodium salt

Measured: 3.02

Predicted: 5.14

[Image not found](#)

2-Amino-5-methylbenzenesulfonic acid

Measured: 3.98

Predicted: 6.29

[Image not found](#)

Phenylphosphinic acid

Measured: 6.03

Predicted: 4.42

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4-Hydroxy-1-naphthalenesulfonic acid monosodium salt

Measured: 12.9

Predicted: 6.33