

Benzenesulfonic acid, 3-hydrazino-  
138-30-7 | DTXSID8059681

## 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:** 4.10

**Global applicability domain:** Inside

**Local applicability domain index:** 3.27e-01

**Confidence level:** 8.72e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

2-Amino-5-methylbenzenesulfonic acid

**Measured:** 3.98

**Predicted:** 6.29

[Image not found](#)

4-Amino-1-naphthalenesulfonic acid sodium salt

**Measured:** 6.03

**Predicted:** 5.38

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

**Measured:** 2.40

**Predicted:** 4.77

[Image not found](#)

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

**Measured:** 4.07

**Predicted:** 4.77

[Image not found](#)

Sodium 3-nitrobenzenesulfonate

**Measured:** 5.01

**Predicted:** 5.24