

6-Amino-4-hydroxynaphthalene-2-sulfonic acid  
90-51-7 | DTXSID0026547

### 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:** 4.77

**Global applicability domain:** Inside

**Local applicability domain index:** 3.66e-01

**Confidence level:** 8.00e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

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](#)

4-Amino-1-naphthalenesulfonic  
acid sodium salt

**Measured:** 6.03

**Predicted:** 5.38

[Image not found](#)

4-Hydroxy-1-naphthalenesulfonic  
acid monosodium salt

**Measured:** 12.9

**Predicted:** 6.33

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2-Amino-5-  
methylbenzenesulfonic acid

**Measured:** 3.98

**Predicted:** 6.29