

4-Amino-1-naphthalenesulfonic acid sodium salt  
130-13-2 | DTXSID0059611

### Model Performance

|       |      |
|-------|------|
| Model | Data |
|-------|------|

#### Weighted KNN model

| 5-fold CV (75%) |      | Training (75%) |      | Test (25%) |      |
|-----------------|------|----------------|------|------------|------|
| Q2              | RMSE | R2             | RMSE | R2         | RMSE |
| 0.91            | 1.08 | 0.91           | 1.08 | 0.92       | 1.00 |

## Model Results

**Predicted value:** 1.13e-10 mmHg

**Global applicability domain:** Inside

**Local applicability domain index:** 3.18e-01

**Confidence level:** 2.91e-01

## Nearest Neighbors from the Training Set

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Acetic acid, 2,2-dichloro-, methyl ester

**Measured:** 3.00e-09

**Predicted:** 11.5

[Image not found](#)

Oct-2-yne

**Measured:** 5.00e-11

**Predicted:** 10.3

[Image not found](#)

Butylated hydroxytoluene

**Measured:** 2.00e-10

**Predicted:** 3.94e-03

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3-Methyl-N-phenylaniline

**Measured:** 1.79e-11

**Predicted:** 1.24e-04

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Buminafos [ISO]

**Measured:** 2.30e-11

**Predicted:** 3.69e-04