

N-(1-Naphthyl)ethylenediamine  
551-09-7 | DTXSID7043744

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
0.93	22.5	0.93	22.1	0.93	22.1

## Model Results

**Predicted value:** 355 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 3.79e-01

**Confidence level:** 5.27e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

1,2-Diphenylhydrazine

**Measured:** 309

**Predicted:** 350

[Image not found](#)

4,4'-Methylenedianiline

**Measured:** 398

**Predicted:** 368

[Image not found](#)

2,4'-Biphenyldiamine

**Measured:** 363

**Predicted:** 367

[Image not found](#)

Benzidine

**Measured:** 401

**Predicted:** 367

[Image not found](#)

1,2-Benzenediamine,N-phenyl-

**Measured:** 313

**Predicted:** 363