

1,2-Diphenylhydrazine  
122-66-7 | DTXSID7020710

### 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
0.87	0.81	0.87	0.82	0.86	0.86

## Model Results

**Predicted value:** 4.06e-04 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 5.09e-01

**Confidence level:** 5.51e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

N-(1-Naphthyl)ethylenediamine

**Measured:** 1.07e-02

**Predicted:** 9.11e-02

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Heptachlor epoxide

**Measured:** 5.14e-07

**Predicted:** 3.52e-07

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1,10-Phenanthroline

**Measured:** 1.49e-02

**Predicted:** 5.60e-03

[Image not found](#)

5-methyl-1-phenylpyrrolidin-2-one

**Measured:** 1.43e-01

**Predicted:** 3.13e-01

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Dieldrin

**Measured:** 5.80e-07

**Predicted:** 3.60e-07

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Endrin

**Measured:** 5.80e-07

**Predicted:** 3.60e-07