

Piperazine  
110-85-0 | DTXSID1021164

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
0.91	1.08	0.91	1.08	0.92	1.00

## Model Results

**Predicted value:** 7.31e-01 mmHg

**Global applicability domain:** Inside

**Local applicability domain index:** 5.82e-01

**Confidence level:** 5.57e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Succinonitrile

**Measured:** 1.60e-01

**Predicted:** 2.91e-02

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Vinyl isobutyl ether

**Measured:** 10.0

**Predicted:** 70.5

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1,4-Benzoquinone

**Measured:** 2.65

**Predicted:** 1.47e-01

[Image not found](#)

(2E)-1,4-Dichlorobut-2-ene

**Measured:** 30.0

**Predicted:** 7.15

[Image not found](#)

(2Z)-1,4-Dichlorobut-2-ene

**Measured:** 30.0

**Predicted:** 7.15