

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
0.81	0.55	0.81	0.54	0.71	0.61

## Model Results

**Predicted value:** 8.54 L/kg

**Global applicability domain:** Inside

**Local applicability domain index:** 6.04e-01

**Confidence level:** 5.95e-01

## Nearest Neighbors from the Training Set

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1,4-Dioxane

**Measured:** 17.0

**Predicted:** 13.2

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1,2-Propylene glycol

**Measured:** 2.29

**Predicted:** 4.24

Image not found

2,2'-Bioxirane

**Measured:** 2.51

**Predicted:** 4.97

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Acrylamide

**Measured:** 50.1

**Predicted:** 16.7

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1,2-Diethylhydrazine

**Measured:** 15.1

**Predicted:** 14.1