

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
0.93	22.5	0.93	22.1	0.93	22.1

Model Results

Predicted value: 145 °C

Global applicability domain: Inside

Local applicability domain index: 6.44e-01

Confidence level: 8.37e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Piperazine

Measured: 146

Predicted: 145

[Image not found](#)

2-Methylpiperazine

Measured: 153

Predicted: 155

[Image not found](#)

1H-1,4-Diazepine, hexahydro-

Measured: 169

Predicted: 167

[Image not found](#)

1,2-Ethanediamine, N-ethyl-

Measured: 129

Predicted: 131

[Image not found](#)

N,N'-Dimethylethane-1,2-diamine

Measured: 120

Predicted: 126