

4,4'-Diaminostilbene
621-96-5 | DTXSID2022412

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
0.72	51.8	0.74	50.3	0.73	52.7

Model Results

Predicted value: 101 °C

Global applicability domain: Inside

Local applicability domain index: 8.36e-01

Confidence level: 6.06e-01

Nearest Neighbors from the Training Set

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Benzenamine, 4,4'-(1,2-ethanediyl)bis-

Measured: 137

Predicted: 114

[Image not found](#)

4,4'-Methylenedianiline

Measured: 92.5

Predicted: 99.6

[Image not found](#)

Benzidine

Measured: 120

Predicted: 94.2

[Image not found](#)

(1,1'-Biphenyl)-3,3'-diamine

Measured: 93.5

Predicted: 89.4

[Image not found](#)

2,4'-Biphenyldiamine

Measured: 54.5

Predicted: 82.7