

Acetamide
60-35-5 | DTXSID7020005

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: 80.3 °C

Global applicability domain: Inside

Local applicability domain index: 5.43e-01

Confidence level: 5.74e-01

Nearest Neighbors from the Training Set

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Acetamide

Measured: 81.0

Predicted: 80.3

[Image not found](#)

Acrylamide

Measured: 84.5

Predicted: 86.2

[Image not found](#)

Propanamide

Measured: 81.3

Predicted: 92.6

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Methacrylamide

Measured: 110

Predicted: 107

[Image not found](#)

Thioformamide

Measured: 26.5

Predicted: 42.6