

Ammonium methacrylate
16325-47-6 | DTXSID0023874

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
0.85	0.69	0.86	0.67	0.86	0.78

Model Results

Predicted value: 7.08e-01

Global applicability domain: Inside

Local applicability domain index: 6.12e-01

Confidence level: 6.90e-01

Nearest Neighbors from the Training Set

Image not found

Methacrylic acid

Measured: 0.93

Predicted: 7.08e-01

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2-Butenoic acid

Measured: 0.72

Predicted: 6.38e-01

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Acetone

Measured: -0.240

Predicted: 3.35e-02

Image not found

Acrylic acid

Measured: 0.35

Predicted: 3.62e-01

Image not found

Propionic acid

Measured: 0.33

Predicted: 4.32e-01