

Carboxymethyl cellulose

9000-11-7 | DTXSID7040441

Model Performance

Model

Data

Weighted KNN model

5-fold CV (75%)

Training (75%)

Test (25%)

Q2	RMSE	R2	RMSE	R2	RMSE
0.87	0.81	0.87	0.82	0.86	0.86

Model Results

Predicted value: 8.64e-01 mol/L

Global applicability domain: Inside

Local applicability domain index: 4.23e-01

Confidence level: 6.16e-01

Nearest Neighbors from the Training Set

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D-Glucose

Measured: 4.08

Predicted: 2.66

[Image not found](#)

Galactose

Measured: 4.08

Predicted: 2.66

[Image not found](#)

alpha-d-glucopyranose

Measured: 4.08

Predicted: 2.66

[Image not found](#)

D-Mannose

Measured: 4.08

Predicted: 2.66

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Meglumine

Measured: 3.62

Predicted: 2.83

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Anhydromethylenecitric acid

Measured: 2.45e-01

Predicted: 2.45e-01