

3-Deoxy-manno-oct-2-ulopyranosonic acid
10149-14-1 | DTXSID80143949

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: -2.51

Global applicability domain: Inside

Local applicability domain index: 4.87e-01

Confidence level: 6.54e-01

Nearest Neighbors from the Training Set

[Image not found](#)

D-Glucuronic acid

Measured: -2.57

Predicted: -2.55

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D-Glucitol

Measured: -2.20

Predicted: -2.36

[Image not found](#)

D-Mannitol

Measured: -2.20

Predicted: -2.36

[Image not found](#)

D-Galactitol

Measured: -2.20

Predicted: -2.36

[Image not found](#)

D-Glucose

Measured: -3.24

Predicted: -2.92

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L-Ascorbic acid

Measured: -1.85

Predicted: -1.80