

D-Xylose
58-86-6 | DTXSID0023745

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: -2.28

Global applicability domain: Inside

Local applicability domain index: 5.82e-01

Confidence level: 6.32e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Erythritol

Measured: -2.29

Predicted: -2.10

[Image not found](#)

D-Glucose

Measured: -3.24

Predicted: -2.92

[Image not found](#)

Pentaerythritol

Measured: -1.69

Predicted: -1.74