

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
0.93	22.5	0.93	22.1	0.93	22.1

Model Results

Predicted value: 311 °C

Global applicability domain: Outside

Local applicability domain index: 2.10e-01

Confidence level: 5.86e-01

Nearest Neighbors from the Training Set

Image not found

Erythritol

Measured: 331

Predicted: 327

Image not found

Pyrogallol

Measured: 309

Predicted: 292

Image not found

2-(Hydroxymethyl)-2-methyl-1,3-propanediol

Measured: 283

Predicted: 289

Image not found

1,2,4-Butanetriol

Measured: 312

Predicted: 300

Image not found

Triisopropanolamine

Measured: 305

Predicted: 302