

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
0.84	0.55	0.85	0.53	0.83	0.64

## Model Results

**Predicted value:** 1.71

**Global applicability domain:** Inside

**Local applicability domain index:** 3.17e-01

**Confidence level:** 7.74e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Pentaerythritol

**Measured:** 1.26

**Predicted:** 1.25

[Image not found](#)

Triethanolamine

**Measured:** 3.89

**Predicted:** 2.97

[Image not found](#)

Trimethyl phosphate

**Measured:** 1.41

**Predicted:** 1.50

[Image not found](#)

Triisopropanolamine

**Measured:** 5.75e-01

**Predicted:** 7.42e-01

[Image not found](#)

Benzenesulfonamide

**Measured:** 4.79

**Predicted:** 2.10