

Pentaerythritol  
115-77-5 | DTXSID2026943

### 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:** 7.42e-01 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 4.93e-01

**Confidence level:** 5.49e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Pentaerythritol

**Measured:** 5.31e-01

**Predicted:** 7.42e-01

[Image not found](#)

Erythritol

**Measured:** 4.99

**Predicted:** 3.16

[Image not found](#)

Pentanedioic acid

**Measured:** 12.1

**Predicted:** 2.16

[Image not found](#)

Methylenebutanedioic acid

**Measured:** 5.90e-01

**Predicted:** 5.58e-01