

D-Glucitol  
50-70-4 | DTXSID5023588

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
0.72	51.8	0.74	50.3	0.73	52.7

## Model Results

**Predicted value:** 158 °C

**Global applicability domain:** Outside

**Local applicability domain index:** 4.49e-01

**Confidence level:** 5.62e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

D-Gluconic acid

**Measured:** 131

**Predicted:** 134

[Image not found](#)

L-(-)-Sorbitol

**Measured:** 165

**Predicted:** 158

[Image not found](#)

Dipentaerythritol

**Measured:** 221

**Predicted:** 206