

Gluconolactone  
90-80-2 | DTXSID0026549

### 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:** 2.36 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 3.96e-01

**Confidence level:** 5.92e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Gluconolactone

**Measured:** 3.31

**Predicted:** 2.36

[Image not found](#)

D-Xylose

**Measured:** 3.70

**Predicted:** 1.17e-01

[Image not found](#)

(2S)-2-Hydroxybutanedioic acid

**Measured:** 5.79

**Predicted:** 5.82