

2-Butanol  
78-92-2 | DTXSID9021762

### 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:** 1.98 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 7.91e-01

**Confidence level:** 7.02e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

2-Butanol

**Measured:** 2.44

**Predicted:** 1.98

[Image not found](#)

2-Methyl-1-propanol

**Measured:** 1.15

**Predicted:** 1.50

[Image not found](#)

tert-Butyl alcohol

**Measured:** 13.5

**Predicted:** 5.23

[Image not found](#)

2,2-Dimethylpropanol

**Measured:** 3.97e-01

**Predicted:** 4.03e-01