

1-Butanol  
71-36-3 | DTXSID1021740

### 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:** -95.0 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 8.21e-01

**Confidence level:** 6.51e-01

## Nearest Neighbors from the Training Set

Image not found

1-Butanol

**Measured:** -89.8

**Predicted:** -95.0

Image not found

2-Methyl-1-propanol

**Measured:** -108

**Predicted:** -103

Image not found

1-Pentanol

**Measured:** -78.9

**Predicted:** -87.1

Image not found

Isopropanol

**Measured:** -89.5

**Predicted:** -99.6

Image not found

Isopentyl alcohol

**Measured:** -117

**Predicted:** -96.2