

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
0.81	0.55	0.81	0.54	0.71	0.61

## Model Results

**Predicted value:** 8.95 L/kg

**Global applicability domain:** Inside

**Local applicability domain index:** 6.38e-01

**Confidence level:** 5.67e-01

## Nearest Neighbors from the Training Set

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1-Butanol

**Measured:** 3.16

**Predicted:** 8.95

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Butylamine

**Measured:** 75.9

**Predicted:** 19.9

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1-Propanol

**Measured:** 3.02

**Predicted:** 4.69

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1-Pentanol

**Measured:** 5.01

**Predicted:** 7.31

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Pyridine

**Measured:** 39.8

**Predicted:** 20.1