

2-Butanol  
78-92-2 | DTXSID9021762

### 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
0.85	0.69	0.86	0.67	0.86	0.78

## Model Results

**Predicted value:** 7.73e-01

**Global applicability domain:** Inside

**Local applicability domain index:** 6.97e-01

**Confidence level:** 7.91e-01

## Nearest Neighbors from the Training Set

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2-Butanol

**Measured:** 0.61

**Predicted:** 7.73e-01

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2-Methyl-1-propanol

**Measured:** 0.76

**Predicted:** 8.81e-01

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1-Butanol

**Measured:** 0.88

**Predicted:** 8.38e-01

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Pentan-2-ol

**Measured:** 1.19

**Predicted:** 1.21

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3-Pentanol

**Measured:** 1.21

**Predicted:** 1.21