

### 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
0.87	0.81	0.87	0.82	0.86	0.86

## Model Results

**Predicted value:** 6.02 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 7.76e-01

**Confidence level:** 6.92e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

But-2-en-1-ol

**Measured:** 13.9

**Predicted:** 6.02

[Image not found](#)

1-Propanol

**Measured:** 16.6

**Predicted:** 13.1

[Image not found](#)

Methallyl alcohol

**Measured:** 2.69

**Predicted:** 6.51

[Image not found](#)

1-Butanol

**Measured:** 8.53e-01

**Predicted:** 1.35

[Image not found](#)

2-Methyl-1-propanol

**Measured:** 1.15

**Predicted:** 1.50