

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:** 3.31

**Global applicability domain:** Inside

**Local applicability domain index:** 6.84e-01

**Confidence level:** 7.98e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Menthol

**Measured:** 3.40

**Predicted:** 3.31

[Image not found](#)

4-tert-Butylcyclohexanol

**Measured:** 3.23

**Predicted:** 3.22

[Image not found](#)

4-Methyl-1-(propan-2-yl)cyclohex-3-en-1-ol

**Measured:** 3.26

**Predicted:** 3.14