

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
0.95	0.69	0.95	0.65	0.96	0.68

## Model Results

**Predicted value:** 8.21

**Global applicability domain:** Inside

**Local applicability domain index:** 9.96e-01

**Confidence level:** 8.39e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

1,3,5,8-Tetrachloronaphthalene

**Measured:** 8.28

**Predicted:** 8.21

[Image not found](#)

1,3,5,7-Tetrachloronaphthalene

**Measured:** 7.90

**Predicted:** 8.21

[Image not found](#)

1,4,6,7-Tetrachloronaphthalene

**Measured:** 8.13

**Predicted:** 8.20