

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
0.84	0.55	0.85	0.53	0.83	0.64

## Model Results

**Predicted value:** 7.14

**Global applicability domain:** Inside

**Local applicability domain index:** 4.63e-01

**Confidence level:** 7.21e-01

## Nearest Neighbors from the Training Set

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Bromacil

**Measured:** 3.24

**Predicted:** 2.87

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Dimethoate

**Measured:** 1.58

**Predicted:** 1.88

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Cyanophos

**Measured:** 36.3

**Predicted:** 7.14

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Paraldehyde

**Measured:** 3.02

**Predicted:** 2.77

[Image not found](#)

Isoprothiolane

**Measured:** 37.2

**Predicted:** 28.5