

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
0.72	51.8	0.74	50.3	0.73	52.7

Model Results

Predicted value: 126 °C

Global applicability domain: Inside

Local applicability domain index: 7.27e-01

Confidence level: 6.78e-01

Nearest Neighbors from the Training Set

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Dicamba

Measured: 115

Predicted: 126

[Image not found](#)

Dichlorprop

Measured: 122

Predicted: 128

[Image not found](#)

Dichlorprop-P

Measured: 122

Predicted: 128

[Image not found](#)

2-(2,4,5-

Trichlorophenoxy)propionic acid

Measured: 182

Predicted: 160

[Image not found](#)

2,4-DB

Measured: 118

Predicted: 120

[Image not found](#)

2,4-Dichlorophenoxyacetic acid

Measured: 141

Predicted: 128