

Dimethoate
60-51-5 | DTXSID7020479

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: 43.1 °C

Global applicability domain: Inside

Local applicability domain index: 4.91e-01

Confidence level: 5.78e-01

Nearest Neighbors from the Training Set

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Dimethoate

Measured: 52.0

Predicted: 43.1

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Omethoate

Measured: -28.0

Predicted: -10.2

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Vamidothion

Measured: 43.0

Predicted: 40.2

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Prothoate

Measured: 28.5

Predicted: 26.3

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Chlorpyrifos

Measured: 42.0

Predicted: 41.9