

1,3-Dioxolane
646-06-0 | DTXSID4027284

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
0.81	0.55	0.81	0.54	0.71	0.61

Model Results

Predicted value: 6.66 L/kg

Global applicability domain: Inside

Local applicability domain index: 6.35e-01

Confidence level: 5.76e-01

Nearest Neighbors from the Training Set

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1,4-Dioxane

Measured: 17.0

Predicted: 13.2

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Acrylamide

Measured: 50.1

Predicted: 16.7

[Image not found](#)

Acetic acid

Measured: 1.00

Predicted: 2.40

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2,2'-Bioxirane

Measured: 2.51

Predicted: 4.97

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Acetamide

Measured: 5.01

Predicted: 4.44