

2,2-Dimethyl-1,3-dioxolane
2916-31-6 | DTXSID10183419

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
0.87	0.81	0.87	0.82	0.86	0.86

Model Results

Predicted value: 9.30e-01 mol/L

Global applicability domain: Inside

Local applicability domain index: 7.46e-01

Confidence level: 8.99e-01

Nearest Neighbors from the Training Set

Image not found

2-Ethyl-1,3-dioxolane

Measured: 1.96

Predicted: 2.66

Image not found

2-Isopropyl-1,3-dioxolane

Measured: 8.61e-01

Predicted: 1.10

Image not found

2-Methyl-1,3-dioxolane

Measured: 7.57

Predicted: 7.35

Image not found

Ethyl propionate

Measured: 1.88e-01

Predicted: 1.80e-01