

Butyl 2-hydroxy-2-methylpropanoate
816-50-2 | DTXSID50278111

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: -19.6 °C

Global applicability domain: Inside

Local applicability domain index: 5.76e-01

Confidence level: 4.93e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Butyl lactate

Measured: -28.0

Predicted: -17.5

[Image not found](#)

Diacetone alcohol

Measured: -44.0

Predicted: -27.9

[Image not found](#)

Butyl dipropasol solvent

Measured: 7.08

Predicted: -16.2

[Image not found](#)

1-Propoxy-2-propanol

Measured: -80.0

Predicted: -53.6