

Pentyl 2-hydroxypropanoate
6382-06-5 | DTXSID70858752

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: -15.8 °C

Global applicability domain: Inside

Local applicability domain index: 5.86e-01

Confidence level: 5.16e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Butyl lactate

Measured: -28.0

Predicted: -17.5

[Image not found](#)

1-Propoxy-2-propanol

Measured: -80.0

Predicted: -53.6

[Image not found](#)

2-Hydroxyethyl octadecanoate

Measured: 60.5

Predicted: 36.8

[Image not found](#)

2-(Hexyloxy)ethanol

Measured: -45.1

Predicted: -34.7