

propan-2-yl naphthalen-1-ylacetate
68360-82-7 | DTXSID60286262

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: 51.4 °C

Global applicability domain: Inside

Local applicability domain index: 8.53e-01

Confidence level: 5.62e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Ethyl 1-naphthaleneacetate

Measured: 88.5

Predicted: 56.1

[Image not found](#)

Ethyl 2-naphthoate

Measured: 32.0

Predicted: 56.0

[Image not found](#)

2-Phenylethyl phenylacetate

Measured: 26.5

Predicted: 51.8

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p-Tolyl benzoate

Measured: 71.5

Predicted: 57.4

[Image not found](#)

Benzyl benzoate

Measured: 21.0

Predicted: 54.9