

N-(2-Hydroxyethyl)acetamide
142-26-7 | DTXSID6044804

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
0.85	1.14	0.85	1.12	0.83	1.23

Model Results

Predicted value: 8.21×10^{-12} cm³/molecule*sec

Global applicability domain: Inside

Local applicability domain index: 6.27×10^{-1}

Confidence level: 8.14×10^{-1}

Nearest Neighbors from the Training Set

Image not found

2-Ethoxyethyl acetate

Measured: 1.30×10^{-11}

Predicted: 1.03×10^{-11}

Image not found

Ethyl 3-ethoxypropionate

Measured: 2.29×10^{-11}

Predicted: 1.63×10^{-11}

Image not found

Ethyl lactate

Measured: 3.90×10^{-12}

Predicted: 4.80×10^{-12}

Image not found

Ethyl butyrate

Measured: 4.94×10^{-12}

Predicted: 4.78×10^{-12}

Image not found

Propyl propionate

Measured: 4.02×10^{-12}

Predicted: 4.74×10^{-12}