

Dipropylamine  
142-84-7 | DTXSID2025185

### 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:** 1.78e-11 cm<sup>3</sup>/molecule\*sec

**Global applicability domain:** Inside

**Local applicability domain index:** 6.47e-01

**Confidence level:** 8.35e-01

## Nearest Neighbors from the Training Set

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1,1,3-Trimethylcyclohexane

**Measured:** 8.73e-12

**Predicted:** 8.95e-12

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Tetralin

**Measured:** 2.02e-11

**Predicted:** 1.50e-10

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Pentyl mercaptan

**Measured:** 5.40e-11

**Predicted:** 2.98e-11

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Undecane

**Measured:** 1.32e-11

**Predicted:** 1.05e-11

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Dodecane

**Measured:** 1.42e-11

**Predicted:** 1.31e-11