

1,3-Dimethyl-4-ethylbenzene  
874-41-9 | DTXSID0061246

### 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:** 2.34e-10 cm<sup>3</sup>/molecule\*sec

**Global applicability domain:** Inside

**Local applicability domain index:** 3.15e-01

**Confidence level:** 8.31e-01

## Nearest Neighbors from the Training Set

Image not found

alpha-Phellandrene

**Measured:** 3.13e-10

**Predicted:** 2.83e-10

Image not found

alpha-Terpinene

**Measured:** 3.63e-10

**Predicted:** 2.91e-10

Image not found

gamma-Terpinene

**Measured:** 1.77e-10

**Predicted:** 2.06e-10

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2,5-Dimethyl-2,4-hexadiene

**Measured:** 2.10e-10

**Predicted:** 2.11e-10

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Cyclohepta-1,3-diene

**Measured:** 1.39e-10

**Predicted:** 1.35e-10