

1-Dodecyl-2,4-dimethylpyridin-1-ium iodide  
88477-51-4 | DTXSID00748410

### 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:** -44.0 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 7.00e-01

**Confidence level:** 7.40e-01

## Nearest Neighbors from the Training Set

Image not found

Benzenamine, N,N-dibutyl-

**Measured:** -32.2

**Predicted:** -41.2

Image not found

Benzenamine, N,N-diethyl-2-methyl-

**Measured:** -60.0

**Predicted:** -47.9

Image not found

Benzenamine, N,N,2,6-tetramethyl-

**Measured:** -36.0

**Predicted:** -40.5

Image not found

N,N-Diethylaniline

**Measured:** -38.8

**Predicted:** -41.1

Image not found

N,N,2-Trimethylaniline

**Measured:** -60.0

**Predicted:** -41.7