

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
0.85	0.69	0.86	0.67	0.86	0.78

## Model Results

**Predicted value:** 4.25

**Global applicability domain:** Inside

**Local applicability domain index:** 4.30e-01

**Confidence level:** 7.16e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

2-Methyl-1-tetradecylpyridin-1-  
ium iodide

**Measured:** 2.27

**Predicted:** 4.79

[Image not found](#)

Tetradecylpyridinium bromide

**Measured:** 1.32

**Predicted:** 3.37