

Dimethyl decanedioate  
106-79-6 | DTXSID1026740

### Model Performance

Model	Data
-------	------

#### Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.81	0.55	0.81	0.54	0.71	0.61

## Model Results

**Predicted value:** 786 L/kg

**Global applicability domain:** Inside

**Local applicability domain index:** 3.58e-01

**Confidence level:** 7.24e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

N-Pentyl N-phenylcarbamate

**Measured:** 407

**Predicted:** 375

[Image not found](#)

Dibutyl phthalate

**Measured:** 1380

**Predicted:** 1600

[Image not found](#)

Diisobutyl phthalate

**Measured:** 1380

**Predicted:** 913

[Image not found](#)

Barban

**Measured:** 1150

**Predicted:** 750

[Image not found](#)

Ethyl phthalyl ethyl glycolate

**Measured:** 347

**Predicted:** 319