

Diethyl propanedioate  
105-53-3 | DTXSID7021863

### Model Performance

|       |      |
|-------|------|
| Model | Data |
|-------|------|

#### 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:** -34.4 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 8.82e-01

**Confidence level:** 6.45e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Diethyl propanedioate

**Measured:** -50.0

**Predicted:** -34.4

[Image not found](#)

Dimethyl glutarate

**Measured:** -42.5

**Predicted:** -25.9

[Image not found](#)

Diethyl butanedioate

**Measured:** -21.0

**Predicted:** -13.4

[Image not found](#)

Dipropyl oxalate

**Measured:** -44.3

**Predicted:** -15.7