

2-METHYLHEXANEDIOIC ACID  
33659-32-4 | DTXSID20334839

### 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:** 90.6 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 8.50e-01

**Confidence level:** 6.45e-01

## Nearest Neighbors from the Training Set

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2-METHYLHEXANEDIOIC ACID

**Measured:** 64.0

**Predicted:** 90.6

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Pentanedioic acid, 3,3-dimethyl-

**Measured:** 104

**Predicted:** 96.7

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2,2-Dimethylpentanedioic acid

**Measured:** 84.0

**Predicted:** 90.5

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Heptanedioic acid

**Measured:** 106

**Predicted:** 110

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Octanedioic acid

**Measured:** 144

**Predicted:** 115