

2,2-Dimethylpentanedioic acid  
681-57-2 | DTXSID6021585

## 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:** 7.43e-01

**Global applicability domain:** Inside

**Local applicability domain index:** 6.52e-01

**Confidence level:** 8.49e-01

## Nearest Neighbors from the Training Set

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2,2-Dimethylpentanedioic acid

**Measured:** 0.67

**Predicted:** 7.43e-01

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Heptanedioic acid

**Measured:** 0.61

**Predicted:** 6.46e-01

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4-oxo-2-propylpentanoic acid

**Measured:** 1.31

**Predicted:** 1.27

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Hexanedioic acid

**Measured:** 0.08

**Predicted:** 6.25e-02

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2,2-Dimethylpropanoic acid

**Measured:** 1.48

**Predicted:** 1.48