

2,2-Dimethylpropane-1,3-diol  
126-30-7 | DTXSID8027036

## 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:** 89.3 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 8.05e-01

**Confidence level:** 5.10e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

2,2-Dimethylpropane-1,3-diol

**Measured:** 130

**Predicted:** 89.3

[Image not found](#)

2,3-Butanediol

**Measured:** 16.3

**Predicted:** 26.2

[Image not found](#)

2,3-Butanediol

**Measured:** 16.3

**Predicted:** 26.2

[Image not found](#)

2-Ethyl-2-methylpropane-1,3-diol

**Measured:** 40.3

**Predicted:** 55.9

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1,6-Hexanediol

**Measured:** 45.0

**Predicted:** 43.5