

2-hydroxy-3-methyl-2-(propan-2-yl)butanoic acid  
5438-17-5 | DTXSID50280375

### 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
0.91	1.08	0.91	1.08	0.92	1.00

## Model Results

**Predicted value:** 5.37e-04 mmHg

**Global applicability domain:** Inside

**Local applicability domain index:** 5.41e-01

**Confidence level:** 3.82e-01

## Nearest Neighbors from the Training Set

Image not found

Heptane

**Measured:** 4.50e-03

**Predicted:** 42.3

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2,4,4-Trimethyl-1-pentene

**Measured:** 1.30e-02

**Predicted:** 45.3

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Dicofol

**Measured:** 1.00e-04

**Predicted:** 2.79e-07

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Pentan-2-ol

**Measured:** 3.14e-06

**Predicted:** 5.03

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1,1,1-Trichloro-2,2,2-trifluoroethane

**Measured:** 1.00e-03

**Predicted:** 702