

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
0.81	0.55	0.81	0.54	0.71	0.61

## Model Results

**Predicted value:** 40.4 L/kg

**Global applicability domain:** Inside

**Local applicability domain index:** 4.84e-01

**Confidence level:** 6.66e-01

## Nearest Neighbors from the Training Set

Image not found

Urea, (3-methylphenyl)-

**Measured:** 36.3

**Predicted:** 37.2

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Metaldehyde acetaldehyde  
tetramer

**Measured:** 240

**Predicted:** 148

Image not found

Phthalic acid

**Measured:** 11.7

**Predicted:** 21.4

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N-Methylbenzamide

**Measured:** 47.9

**Predicted:** 53.6

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(2-Fluorophenyl)urea

**Measured:** 20.9

**Predicted:** 52.8