

Butyl 2-hydroxy-2-methylpropanoate  
816-50-2 | DTXSID50278111

### 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	1.14	0.85	1.12	0.83	1.23

## Model Results

**Predicted value:** 1.30e-11 cm<sup>3</sup>/molecule\*sec

**Global applicability domain:** Inside

**Local applicability domain index:** 4.03e-01

**Confidence level:** 8.53e-01

## Nearest Neighbors from the Training Set

Image not found

2-Ethoxyethyl isobutyrate

**Measured:** 1.35e-11

**Predicted:** 1.28e-11

Image not found

Ethyl 3-ethoxypropionate

**Measured:** 2.29e-11

**Predicted:** 1.63e-11

Image not found

Butyl butyrate

**Measured:** 1.06e-11

**Predicted:** 1.06e-11

Image not found

Bornyl acetate

**Measured:** 1.39e-11

**Predicted:** 1.36e-11

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Pentyl acetate

**Measured:** 7.55e-12

**Predicted:** 6.38e-12