

Butyl butyrate  
109-21-7 | DTXSID7041702

### 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:** 109 L/kg

**Global applicability domain:** Inside

**Local applicability domain index:** 6.29e-01

**Confidence level:** 7.62e-01

## Nearest Neighbors from the Training Set

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Ethyl hexanoate

**Measured:** 115

**Predicted:** 110

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1-Octanol

**Measured:** 36.3

**Predicted:** 42.5

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Ethyl valerate

**Measured:** 93.3

**Predicted:** 68.6

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Ethyl heptanoate

**Measured:** 407

**Predicted:** 284

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2-Phenylethyl acetate

**Measured:** 77.6

**Predicted:** 98.8