

4-Butoxybutanoic acid  
55724-73-7 | DTXSID90204272

### 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	0.69	0.86	0.67	0.86	0.78

## Model Results

**Predicted value:** 2.16

**Global applicability domain:** Inside

**Local applicability domain index:** 6.69e-01

**Confidence level:** 8.49e-01

## Nearest Neighbors from the Training Set

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Pentyl acetate

**Measured:** 2.30

**Predicted:** 2.27

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3-Methylbutyl acetate

**Measured:** 2.25

**Predicted:** 2.20

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Isobutyl acetate

**Measured:** 1.78

**Predicted:** 1.82

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Butan-2-yl acetate

**Measured:** 1.72

**Predicted:** 1.85

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Isobutyl methacrylate

**Measured:** 2.66

**Predicted:** 2.58