

Butanoic anhydride  
106-31-0 | DTXSID8026729

### Model Performance

Model	Data
-------	------

#### Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.87	0.81	0.87	0.82	0.86	0.86

## Model Results

**Predicted value:** 6.16e-02 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 6.46e-01

**Confidence level:** 6.29e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

2-Butoxyethyl acetate

**Measured:** 5.62e-02

**Predicted:** 6.06e-02

[Image not found](#)

butyl 3-ethoxypropanoate

**Measured:** 2.30e-02

**Predicted:** 3.68e-02

[Image not found](#)

Methyl 3-butoxypropanoate

**Measured:** 5.12e-02

**Predicted:** 5.88e-02

[Image not found](#)

Acetic acid, 2-ethylbutyl ester

**Measured:** 4.44e-02

**Predicted:** 1.03e-02