

4-Butoxybutanoic acid  
55724-73-7 | DTXSID90204272

### Model Performance

|       |      |
|-------|------|
| Model | Data |
|-------|------|

#### Weighted KNN model

| 5-fold CV (75%) |      | Training (75%) |      | Test (25%) |      |
|-----------------|------|----------------|------|------------|------|
| Q2              | RMSE | R2             | RMSE | R2         | RMSE |
| 0.93            | 22.5 | 0.93           | 22.1 | 0.93       | 22.1 |

## Model Results

**Predicted value:** 275 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 6.48e-01

**Confidence level:** 5.88e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

9-Cycloheptadecen-1-one

**Measured:** 343

**Predicted:** 330

[Image not found](#)

Nonanoic acid

**Measured:** 255

**Predicted:** 260

[Image not found](#)

Cyclohexaneacetic acid

**Measured:** 245

**Predicted:** 245

[Image not found](#)

Cyclohexanepropionic acid

**Measured:** 277

**Predicted:** 279

[Image not found](#)

Octanoic acid

**Measured:** 239

**Predicted:** 235