

Phenylalanine  
150-30-1 | DTXSID9023463

### 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
0.95	0.69	0.95	0.65	0.96	0.68

## Model Results

**Predicted value:** 7.84

**Global applicability domain:** Outside

**Local applicability domain index:** 2.54e-01

**Confidence level:** 4.22e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

4-Hydroxybenzoic acid

**Measured:** 8.08

**Predicted:** 7.78

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Salicylic acid

**Measured:** 7.44

**Predicted:** 7.60

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Methylparaben

**Measured:** 8.57

**Predicted:** 7.06

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Phenacetin

**Measured:** 9.59

**Predicted:** 9.23

[Image not found](#)

1-Octanol

**Measured:** 6.03

**Predicted:** 5.95