

4-Aminobutanoic acid  
56-12-2 | DTXSID6035106

### 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
0.87	0.81	0.87	0.82	0.86	0.86

## Model Results

**Predicted value:** 9.58 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 7.80e-01

**Confidence level:** 8.38e-01

## Nearest Neighbors from the Training Set

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4-Aminobutanoic acid

**Measured:** 12.6

**Predicted:** 9.58

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beta-Aminobutyric acid

**Measured:** 9.70

**Predicted:** 9.12

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5-Aminovaleric acid

**Measured:** 8.54

**Predicted:** 8.01

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beta-Alanine

**Measured:** 6.12

**Predicted:** 7.73

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6-Aminocaproic acid

**Measured:** 3.85

**Predicted:** 4.69