

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
0.81	0.55	0.81	0.54	0.71	0.61

Model Results

Predicted value: 47.3 L/kg

Global applicability domain: Inside

Local applicability domain index: 6.01e-01

Confidence level: 8.08e-01

Nearest Neighbors from the Training Set

Image not found

N-(3-chlorophenyl)-N'-methylurea

Measured: 85.1

Predicted: 101

Image not found

N-Methyl-N'-phenylurea

Measured: 19.5

Predicted: 29.8

Image not found

Urea, (3-methylphenyl)-

Measured: 36.3

Predicted: 37.2

Image not found

Urea, (3-chloro-4-methoxyphenyl)-

Measured: 100

Predicted: 47.5

Image not found

2,2'-Dipyridyl

Measured: 39.8

Predicted: 56.3