

Benfluralin  
1861-40-1 | DTXSID3023899

### 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:** 2.03e-05 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 3.46e-01

**Confidence level:** 6.34e-01

## Nearest Neighbors from the Training Set

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Piperidine, 1-(phenylsulfonyl)-

**Measured:** 2.91e-03

**Predicted:** 2.10e-02

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Cyclopentanecarboxylic acid, 1-  
((4-chlorophenyl)sulfonyl)-, 1-  
methylethyl ester

**Measured:** 2.24e-05

**Predicted:** 5.78e-05

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Cyclopropanecarboxylic acid, 1-  
((4-chlorophenyl)sulfonyl)-, 1,1-  
dimethylethyl ester

**Measured:** 7.58e-05

**Predicted:** 1.92e-04

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Trifluralin

**Measured:** 7.01e-07

**Predicted:** 2.92e-04

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Ethalfuralin

**Measured:** 7.35e-07

**Predicted:** 2.74e-04