

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
0.91	1.08	0.91	1.08	0.92	1.00

## Model Results

**Predicted value:** 4.08e-06 mmHg

**Global applicability domain:** Inside

**Local applicability domain index:** 3.86e-01

**Confidence level:** 4.75e-01

## Nearest Neighbors from the Training Set

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2,4'-Dichlorodiphenyl ether

**Measured:** 2.18e-06

**Predicted:** 7.38e-04

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Ethiofencarb

**Measured:** 1.43e-05

**Predicted:** 2.61e-06

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Isopropyl caprylate

**Measured:** 4.20e-05

**Predicted:** 1.19e-01

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Dichlofluanid

**Measured:** 2.48e-05

**Predicted:** 1.02e-06