

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:** 3.57e-09 mmHg

**Global applicability domain:** Inside

**Local applicability domain index:** 3.57e-01

**Confidence level:** 3.46e-01

## Nearest Neighbors from the Training Set

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Methylcyclopentane

**Measured:** 9.75e-11

**Predicted:** 80.1

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1-Nitroanthraquinone

**Measured:** 5.00e-09

**Predicted:** 9.88e-09

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Fensulfothion

**Measured:** 5.00e-11

**Predicted:** 2.64e-05

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Fenuron

**Measured:** 1.21e-05

**Predicted:** 1.82e-05

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Hydroprene

**Measured:** 3.39e-09

**Predicted:** 8.80e-04