

# Perfluorovaleric acid

2706-90-3 | DTXSID6062599

## 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
0.84	0.55	0.85	0.53	0.83	0.64

## Model Results

**Predicted value:** 7.40e-01

**Global applicability domain:** Outside

**Local applicability domain index:** 2.63e-01

**Confidence level:** 7.97e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

4-Hydroxy-1-naphthalenesulfonic acid monosodium salt

**Measured:** 1.11

**Predicted:** 8.08e-01

[Image not found](#)

Sodium 3-nitrobenzenesulfonate

**Measured:** 0.7

**Predicted:** 7.21e-01

[Image not found](#)

Benzenesulfonic acid, 2-chloro-5-nitro-, sodium salt

**Measured:** 0.48

**Predicted:** 7.40e-01

[Image not found](#)

2-Amino-1-naphthalenesulfonic acid

**Measured:** 0.78

**Predicted:** 8.06e-01

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2-Amino-5-methylbenzenesulfonic acid

**Measured:** 0.6

**Predicted:** 7.98e-01