

(Cyclopentyloxy)acetic acid  
95832-60-3 | DTXSID10538066

## Model Performance

Model	Data
-------	------

### Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	1.14	0.85	1.12	0.83	1.23

## Model Results

**Predicted value:**  $1.01 \times 10^{-11}$  cm<sup>3</sup>/molecule\*sec

**Global applicability domain:** Inside

**Local applicability domain index:**  $5.26 \times 10^{-1}$

**Confidence level:**  $8.13 \times 10^{-1}$

## Nearest Neighbors from the Training Set

Image not found

Ethyl lactate

**Measured:**  $3.90 \times 10^{-12}$

**Predicted:**  $4.80 \times 10^{-12}$

Image not found

Ethyl 3-ethoxypropionate

**Measured:**  $2.29 \times 10^{-11}$

**Predicted:**  $1.63 \times 10^{-11}$

Image not found

2-Ethoxyethyl isobutyrate

**Measured:**  $1.35 \times 10^{-11}$

**Predicted:**  $1.28 \times 10^{-11}$

Image not found

2-Ethoxyethyl acetate

**Measured:**  $1.30 \times 10^{-11}$

**Predicted:**  $1.03 \times 10^{-11}$

Image not found

Pentyl acetate

**Measured:**  $7.55 \times 10^{-12}$

**Predicted:**  $6.38 \times 10^{-12}$