

Ethylene oxide  
75-21-8 | DTXSID0020600

### 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:** 1.51

**Global applicability domain:** Inside

**Local applicability domain index:** 5.37e-01

**Confidence level:** 7.27e-01

## Nearest Neighbors from the Training Set

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N,N-Dimethylformamide

**Measured:** 7.94e-01

**Predicted:** 1.12

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1,4-Dioxane

**Measured:** 5.01e-01

**Predicted:** 1.06

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Morpholine

**Measured:** 2.82

**Predicted:** 1.87

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Diethyl ether

**Measured:** 5.37

**Predicted:** 4.72

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Ethylene thiourea

**Measured:** 1.82

**Predicted:** 1.85