

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
0.85	0.69	0.86	0.67	0.86	0.78

## Model Results

**Predicted value:** -0.259

**Global applicability domain:** Inside

**Local applicability domain index:** 5.67e-01

**Confidence level:** 8.27e-01

## Nearest Neighbors from the Training Set

Image not found

Ethylene oxide

**Measured:** -0.300

**Predicted:** -0.259

Image not found

1,2-Epoxy-3-fluoropropane

**Measured:** -0.160

**Predicted:** -0.152

Image not found

1,3-Propylene oxide

**Measured:** -0.140

**Predicted:** -0.0316

Image not found

1,3-Dioxolane

**Measured:** -0.370

**Predicted:** -0.373

Image not found

1,2-Propylene oxide

**Measured:** 0.03

**Predicted:** 4.50e-02