

Acetaldehyde  
75-07-0 | DTXSID5039224

### 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
0.72	51.8	0.74	50.3	0.73	52.7

## Model Results

**Predicted value:** -112 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 7.33e-01

**Confidence level:** 7.88e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Acetaldehyde

**Measured:** -123

**Predicted:** -112

[Image not found](#)

Propanal

**Measured:** -80.0

**Predicted:** -86.0

[Image not found](#)

Acetone

**Measured:** -96.6

**Predicted:** -87.6

[Image not found](#)

(2H6)Acetone

**Measured:** -96.6

**Predicted:** -87.6

[Image not found](#)

Ethylene oxide

**Measured:** -112

**Predicted:** -113

[Image not found](#)

1,2-Propylene oxide

**Measured:** -112

**Predicted:** -105