

Benzene  
71-43-2 | DTXSID3039242

### 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:** -12.0 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 9.24e-01

**Confidence level:** 5.75e-01

## Nearest Neighbors from the Training Set

Image not found

Benzene

**Measured:** 5.50

**Predicted:** -12.0

Image not found

Styrene

**Measured:** -31.0

**Predicted:** -17.1

Image not found

1,3-Diethenylbenzene

**Measured:** -52.3

**Predicted:** -15.8

Image not found

1,4-Divinylbenzene

**Measured:** 31.0

**Predicted:** -15.8

Image not found

alpha-Methylstyrene

**Measured:** -23.2

**Predicted:** -51.0