

Trichloroethylene  
79-01-6 | DTXSID0021383

### Model Performance

|       |      |
|-------|------|
| Model | Data |
|-------|------|

#### 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:** -59.8 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 7.14e-01

**Confidence level:** 6.21e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Trichloroethylene

**Measured:** -84.7

**Predicted:** -59.8

[Image not found](#)

Dibromomethane

**Measured:** -52.5

**Predicted:** -46.0

[Image not found](#)

1,1,2,2-Tetrachloroethane

**Measured:** -43.8

**Predicted:** -36.3