

2,2-Dimethyl-1,3-dioxolane  
2916-31-6 | DTXSID10183419

### Model Performance

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

#### Weighted KNN model

| 5-fold CV (75%) |      | Training (75%) |      | Test (25%) |      |
|-----------------|------|----------------|------|------------|------|
| Q2              | RMSE | R2             | RMSE | R2         | RMSE |
| 0.93            | 22.5 | 0.93           | 22.1 | 0.93       | 22.1 |

## Model Results

**Predicted value:** 105 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 7.58e-01

**Confidence level:** 7.40e-01

## Nearest Neighbors from the Training Set

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2,2-Dimethyl-1,3-dioxolane

**Measured:** 92.5

**Predicted:** 105

Image not found

1-Propene, 3,3-dimethoxy-

**Measured:** 88.0

**Predicted:** 92.3

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Isopropyl chloroformate

**Measured:** 105

**Predicted:** 140