

1,3-Dioxolane  
646-06-0 | DTXSID4027284

### 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:** -92.0 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 6.22e-01

**Confidence level:** 7.97e-01

## Nearest Neighbors from the Training Set

Image not found

1,3-Dioxolane

**Measured:** -95.0

**Predicted:** -92.0

Image not found

Ethyl formate

**Measured:** -79.6

**Predicted:** -87.5

Image not found

Methyl acetate

**Measured:** -98.0

**Predicted:** -89.6

Image not found

Vinyl acetate

**Measured:** -93.2

**Predicted:** -84.0

Image not found

Methyl acrylate

**Measured:** -76.5

**Predicted:** -79.0