

8-Hydroxyoctanoic acid  
764-89-6 | DTXSID40227234

### 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
0.93	22.5	0.93	22.1	0.93	22.1

## Model Results

**Predicted value:** 236 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 3.14e-01

**Confidence level:** 3.38e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

2-Hydroxyphenylacetic acid

**Measured:** 240

**Predicted:** 261

[Image not found](#)

2-Hydroxyisobutyric acid

**Measured:** 212

**Predicted:** 214

[Image not found](#)

Chloral hydrate

**Measured:** 98.0

**Predicted:** 123

[Image not found](#)

Cycloheptanecarboxylic acid

**Measured:** 259

**Predicted:** 249