

2-Methyl-p-benzoquinone  
553-97-9 | DTXSID8060290

### 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:** 72.7 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 8.63e-01

**Confidence level:** 6.40e-01

## Nearest Neighbors from the Training Set

Image not found

2-Methyl-p-benzoquinone

**Measured:** 69.0

**Predicted:** 72.7

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2,3-Dimethyl-2,5-cyclohexadiene-1,4 dione

**Measured:** 55.0

**Predicted:** 67.2

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2,6-Dimethyl-1,4-benzoquinone

**Measured:** 72.5

**Predicted:** 67.2

Image not found

1,4-Benzoquinone

**Measured:** 116

**Predicted:** 93.8

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2,5-Cyclohexadiene-1,4-dione,  
2-methyl-5-(1-methylethyl)-

**Measured:** 45.5

**Predicted:** 68.3