

2,5-Furandione  
108-31-6 | DTXSID7024166

## 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:** 60.5 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 8.91e-01

**Confidence level:** 5.18e-01

## Nearest Neighbors from the Training Set

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2,5-Furandione

**Measured:** 52.8

**Predicted:** 60.5

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2,5-Furandione, 3-methyl-

**Measured:** 7.50

**Predicted:** 53.2

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2,5-Furandione, 3,4-dimethyl-

**Measured:** 96.0

**Predicted:** 70.7

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2,5-Furandione, dihydro-3-methylene-

**Measured:** 69.0

**Predicted:** 63.2

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Succinic anhydride

**Measured:** 119

**Predicted:** 86.7