

(e)-1-(4-ethylphenyl)-2-phenyldiazene  
61653-37-0 | DTXSID20295936

### 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:** 71.9 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 8.78e-01

**Confidence level:** 4.84e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Azobenzene

**Measured:** 68.3

**Predicted:** 74.0

[Image not found](#)

Azobenzene

**Measured:** 68.3

**Predicted:** 74.0

[Image not found](#)

Di-p-tolylcarbodiimide

**Measured:** 58.5

**Predicted:** 83.5

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Benzenamine, N,N'-  
methanetetraylbis-

**Measured:** 169

**Predicted:** 115