

Phosphonothioic acid, methyl-, O,o-diethyl ester  
6996-81-2 | DTXSID10220237

## Model Performance

|       |      |
|-------|------|
| Model | Data |
|-------|------|

### Weighted KNN model

| 5-fold CV (75%) |      | Training (75%) |      | Test (25%) |      |
|-----------------|------|----------------|------|------------|------|
| Q2              | RMSE | R2             | RMSE | R2         | RMSE |
| 0.85            | 0.69 | 0.86           | 0.67 | 0.86       | 0.78 |

## Model Results

**Predicted value:** 1.99

**Global applicability domain:** Inside

**Local applicability domain index:** 4.44e-01

**Confidence level:** 5.96e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

Phosphonothioic acid, methyl-,  
O,o-diethyl ester

**Measured:** 2.08

**Predicted:** 1.99

[Image not found](#)

O,O-dipropyl  
methylphosphonothioate

**Measured:** 3.26

**Predicted:** 3.06

[Image not found](#)

Trichlorfon

**Measured:** 0.51

**Predicted:** 7.26e-01

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Demeton-S-methyl

**Measured:** 1.02

**Predicted:** 1.14