

D-Tagatose  
87-81-0 | DTXSID3047897

### Model Performance

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

#### Weighted KNN model

| 5-fold CV (75%) |      | Training (75%) |      | Test (25%) |      |
|-----------------|------|----------------|------|------------|------|
| Q2              | RMSE | R2             | RMSE | R2         | RMSE |
| 0.87            | 0.81 | 0.87           | 0.82 | 0.86       | 0.86 |

## Model Results

**Predicted value:** 7.13e-01 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 4.69e-01

**Confidence level:** 5.85e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

D-Glucose

**Measured:** 4.08

**Predicted:** 2.66

[Image not found](#)

Galactose

**Measured:** 4.08

**Predicted:** 2.66

[Image not found](#)

alpha-d-glucopyranose

**Measured:** 4.08

**Predicted:** 2.66

[Image not found](#)

D-Mannose

**Measured:** 4.08

**Predicted:** 2.66

[Image not found](#)

Anhydromethylenecitric acid

**Measured:** 2.45e-01

**Predicted:** 2.45e-01

[Image not found](#)

Chelidonic acid

**Measured:** 7.77e-02

**Predicted:** 1.22e-01

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Meglumine

**Measured:** 3.62

**Predicted:** 2.83

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Meconic acid

**Measured:** 4.20e-02

**Predicted:** 6.45e-02

