



1. Identification

Catalogue Number

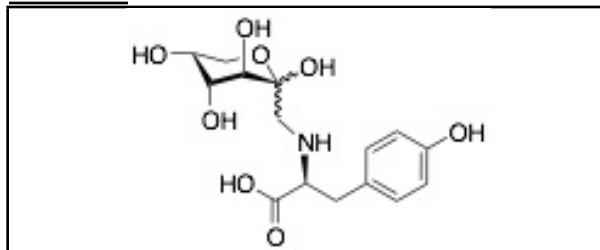
D232990

Lot Number

13-WEN-39-1

Product Name

N-(1-Deoxy-D-fructos-1-yl)-L-tyrosine

Synonyms(S)-1-[[1-Carboxy-2-(4-hydroxyphenyl)ethyl]amino]-1-deoxy-D-fructose; D-1-[(L- α -Carboxy-p-hydroxyphenethyl)amino]-1-deoxy-fructose**Structure****CAS Number**

34393-22-1

Solubility

Methanol (Very Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{15}H_{21}NO_8$ **Source of Product**

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

343.33

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Solid

Results

Off-White to Pale Yellow Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 48.19, %H: 6.30, %N: 4.52

HPLC Purity

>95%

96.84% (230 nm)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

Farnaz Mahmoudi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Quality Assurance Associate

Test Date

4/8/2025

Retest Date

4/6/2029