

**1. Identification**Catalogue Number

D235910

Lot Number

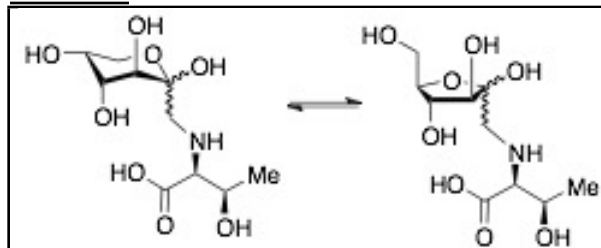
2-MPT-92-3

Product Name

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

Synonyms

[R-(R*,S*)]-1-[(1-Carboxy-2-hydroxypropyl)amino]-1-deoxy-D-fructose;

StructureCAS Number

70954-04-0

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₁₀H₁₉NO₈Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

281.26

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical InformationTests

Appearance

Specifications

Pale Beige to Brown Solid

Results

Light Brown to Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 40.31, %H: 6.97, %N: 5.19

HPLC Purity

>95%

99.43% (ELSD)

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. SignaturesReviewed by

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

12/4/2023

Retest Date

12/2/2027