

**1. Identification**Catalogue Number

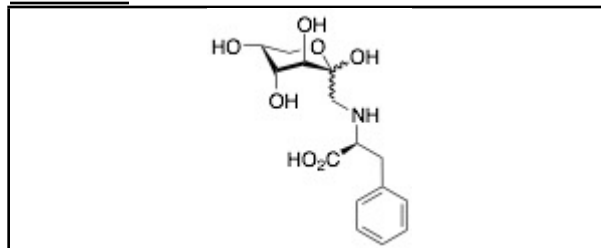
F792560

Lot Number

17-ZCA-35-3

Product Name

Fructose-phenylalanine (mixture of diastereomers)

SynonymsN-(1-Deoxy-D-fructos-1-yl)-L-phenylalanine; (S)-1-[(1-Carboxy-2-phenylethyl)amino]-1-deoxy-D-fructose; 1-[(α -Carboxyphenethyl)amino]-1-deoxy-fructose; N-(1'-Carboxy-2'-phenylethyl)amino-1-deoxyfructose;StructureCAS Number

31105-03-0

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{15}H_{21}NO_7$ Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

327.33

Purity

93%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

Pale Yellow to Dark Yellow Solid

Results

Yellow to Dark Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

93.03% (210 nm)

LCMS

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

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

3/11/2025

Retest Date

3/9/2029