



CERTIFICATE OF ANALYSIS

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1. Identification

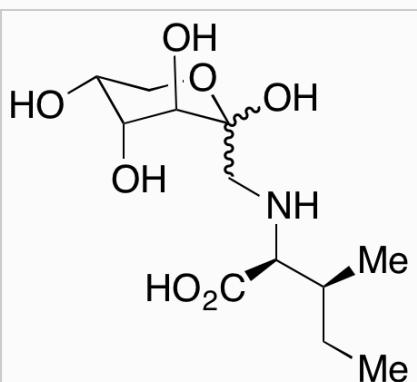
Catalogue Number: F792585

CAS Number: 87304-79-8

Product: Fructose-isoleucine (mixture of diastereomers)

Synonym: N-(1-Deoxy- β -D-fructopyranos-1-yl)-L-isoleucine; [S-(R*,R*)]-1-[(1-Carboxy-2-methylbutyl)amino]-1-deoxy- β -D-fructopyranose

Structure:



Lot Number: 6-DAR-37-1

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

Molecular Formula:

C₁₂H₂₃NO₇

Molecular weight:

293.31

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance Pale Yellow to Black Solid

Orange to Dark Brown Solid

Elemental Analysis Conforms

%C: 48.21, %H: 8.26, %N: 5.38

NMR Conforms to Structure

Conforms

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

Reviewed By

C of A Approved By

Test Date

Retest Date

Nicole Yip

Toni Rantanen

Chanell Chu

6/17/2022

6/15/2026