



1. Identification

Catalogue Number

G154850

Lot Number

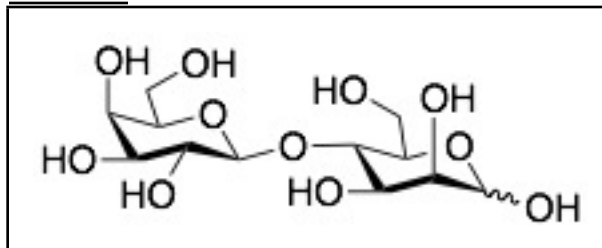
24-DPP-120-3

Product Name

4-O-b-Galactopyranosyl-D-mannopyranoside

Synonyms

Epilactose; 4-O-β-D-Galactopyranosyl-D-mannopyranose;

StructureCAS Number

20869-27-6

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₁₂H₂₂O₁₁Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

342.3

Purity

>95%

2. Warnings

Very Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Beige Solid

Results

Pale Beige to Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 39.82, %H: 6.82

HPLC Purity

>95%

98.13% (ELSD)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+23.7° (c = 0.2, Water)

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 ± 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

R. Sathya

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

10/13/2023

Retest Date

10/11/2027