



1. Identification

Catalogue Number

H942015

Lot Number

17-KPA-148-2

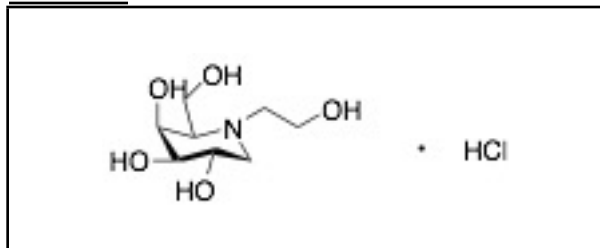
Product Name

N-(2-Hydroxyethyl)-1-deoxygalactonojirimycin Hydrochloride

Synonyms

(2R,3S,4R,5S)-1-(2-Hydroxyethyl)-2-(hydroxymethyl)-3,4,5-piperidinetriol Hydrochloride;

Structure



CAS Number

1322625-07-9

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature With Dry Pack

Molecular Formula

C₈H₁₈ClNO₅

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

243.69

Purity

>95%

2. Warnings

Very Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Pale Beige Thick Oil to Sticky Solid

Results

Hazy White to Pale Yellow Thick Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 37.97, %H: 7.30, %N: 5.67

HPLC Purity

>95%

99.71% (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. Signatures

Reviewed by

A. Vijaya

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Christina Gouliaras

Quality Assurance Associate

Test Date

10/24/2024

Retest Date

10/22/2028