

1. Identification

Catalogue Number

H942000

Lot Number

7-VCP-94-2

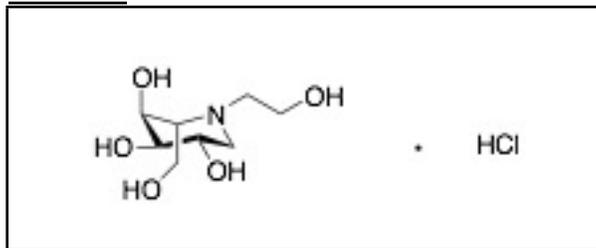
Product Name

N-(2-Hydroxyethyl)-1-deoxy-L-altronojirimycin Hydrochloride Salt

Synonyms

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

Structure



CAS Number

1322625-07-9

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₈H₁₇NO₅ • HCl

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

207.23 + 36.46

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Semi-Solid to Solid

Results

Pale Yellow Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 37.82, %H: 7.35, %N: 6.21

HPLC Purity

>95%

99.76% (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 ± 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

Henry Tieu
Product Quality Specialist

Reviewed by

Toni Rantanen
Manager, Quality Assurance

C of A Approved by

Chanell Chu
Jr. Quality Assurance

Test Date

8/10/2021

Retest Date

8/8/2028