

**1. Identification**Catalogue Number

L466202

Lot Number

19-AKS-135-4

Product Name

Lincomycin-d3

Synonyms

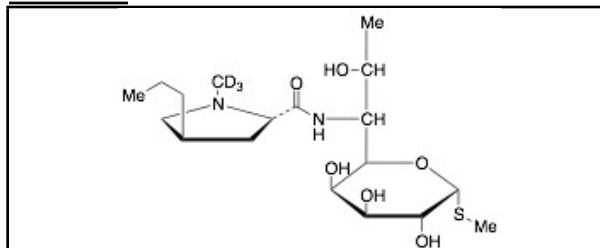
(2S-trans)-Methyl 6,8-Dideoxy-6-[[[(1-methyl-d3-4-propyl-2-pyrrolidiny)carbonyl]amino]-1-thio-D-erythro-?-D-galacto-octopyranoside; Lincocin-d3; Lincogap-d3; NSC 70731-d3; U 10149a-d3;

CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

StructureShipping Condition

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

Molecular Formula $C_{18}H_{31}D_3N_2O_6S$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

409.56

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical InformationTests

Appearance

Specifications

White to Yellow Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 51.39, %H: 8.00, %N: 6.36

HPLC Purity

>95%

98.48% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

>99.9%

Additional InformationNormalized Intensity: $d_0 = 0.00\%$, $d_1 = 0.00\%$, $d_2 = 0.00\%$, $d_3 = 100.00\%$

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

Meenakshi Sharma

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Quality Assurance Associate

Test Date

4/10/2024

Retest Date

4/8/2028