

**1. Identification**Catalogue Number

A927004

Lot Number

4-YHU-19-1

Product Name

Azithromycin-d5 (major)

Synonyms

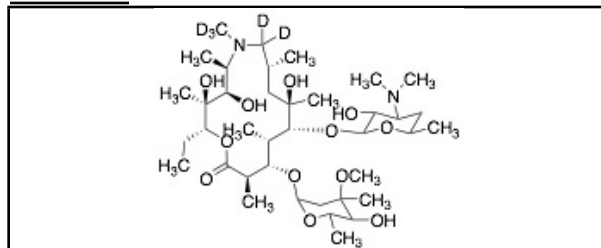
CP-62993-d5; XZ-450-d5; Azitrocin-d5; Ribotrex-d5; Sumamed-d5; Trozocina-d5; Zithromaz-d5; Zitromax-d5;

CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

StructureShipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{38}H_{67}D_5N_2O_{12}$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

754.02

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Pale Yellow Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.60% (ELSD)

MS

Conforms to Structure

Conforms

Additional InformationNormalized Intensity: $d_0 = 0.00\%$, $d_1 = 0.00\%$, $d_2 = 0.00\%$, $d_3 = 2.13\%$, $d_4 = 24.77\%$, $d_5 = 73.10\%$ 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 byReviewed byC of A Approved byTest DateRetest Date

2/26/2024

2/24/2028

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