

**1. Identification**Catalogue Number

A927002

Lot Number

9-EAW-147-2

Product Name

Azithromycin-d3

Synonyms

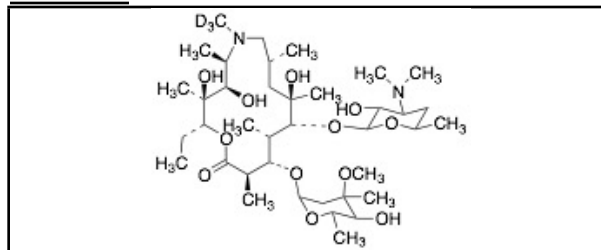
CP-62993-d3; XZ-450-d3; Azitrocin-d3; Ribotrex-d3; Sumamed-d3; Trozocina-d3; Zithromaz-d3; Zitromax-d3;

CAS Number

163921-65-1

Solubility

Chloroform (Slightly), Methanol (Slightly)

StructureShipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{38}H_{69}D_3N_2O_{12}$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

752

Purity

&gt;95%

**2. Warnings**

Not Determined

**3. Analytical Information**Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

&gt;95%

99.91% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

&gt;95%

96.6%

Additional InformationNormalized Intensity:  $d_0 = 0.41\%$ ,  $d_1 = 3.83\%$ ,  $d_2 = 1.32\%$ ,  $d_3 = 94.43\%$ 

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

R. Swathi

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

Test Date

6/16/2023

Retest Date

6/14/2027