

1. Identification

Catalogue Number

E649954

Lot Number

2-RGP-68-3

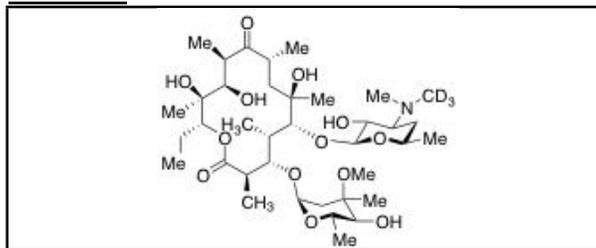
Product Name

Erythromycin-d3

Synonyms

E-Base-d3; E-Mycin-d3; Erythromycin A-d3; Aknemycin-d3; Akinin-d3; emgel-d3; Ery-Derm-d3; Erymax-d3; Ery-Tab-d3; Erythromid-d3; ERYC-d3;

Structure



CAS Number

N/A

Solubility

Chloroform (Slightly), Ethanol (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C37H64D3NO13

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

736.96

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 57.35, %H: 9.06, %N: 1.32

HPLC Purity

>95%

96.97% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.1%

Additional Information

Normalized Intensity: $d_0 = 0.13\%$, $d_1 = 0.23\%$, $d_2 = 4.95\%$, $d_3 = 94.69\%$

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

Henry Tieu
Product Quality Specialist

Reviewed by

Toni Rantanen
Manager, Quality Assurance

C of A Approved by

Chanell Chu
Jr. Quality Assurance

Test Date

3/8/2023

Retest Date

3/6/2030