

**1. Identification**Catalogue Number

TRC-R124002

Lot Number

27-MVI-171-1

Product Name

Rapamycin-d3 (contains d0) Technical Grade

Synonyms

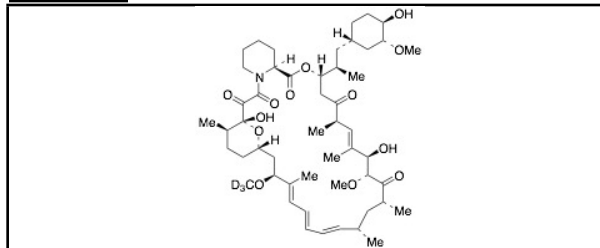
(-)-Rapamycin-d3; AY 22989-d3; Antibiotic AY 22989-d3; Cypher-d3; NSC 226080-d3; RAPA-d3; RPM-d3; Rapammune-d3; Rapamune-d3; SIIA 9268A-d3; Sirolimus-d3; Wy 090217-d3;

CAS Number

392711-19-2

Solubility

Chloroform (Slightly), Methanol (Slightly)

StructureShipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula $C_{51}H_{76}D_3NO_{13}$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

917.19

Purity

Technical Grade

2. Warnings

Moisture Sensitive

3. Analytical InformationTests

Appearance

Specifications

White to Light Yellow Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

Additional InformationTLC Conditions: SiO_2 ; Dichloromethane : Methanol = 9 : 1; Visualized with UV and AMCS; Single Spot, R_f = 0.65.Normalized Intensity: d_0 = 7.40%, d_1 = 0.37%, d_2 = 0.00%, d_3 = 92.23%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

Eric Beaton

Reviewed by

Toni Rantanen

C of A Approved by

My Nguyen

Test Date

10/22/2019

Retest Date

10/21/2023