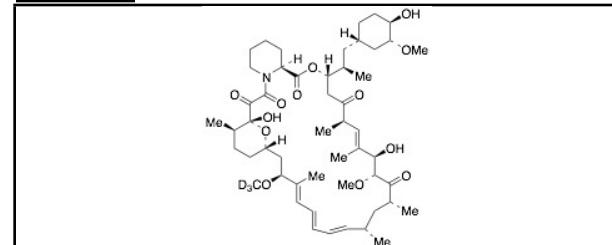


1. Identification

Catalogue Number TRC-R124002 Lot Number 27-MVI-171-1

Product Name
Rapamycin-d3 (contains d0) Technical Grade

StructureSynonyms

(-)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)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula C₅₁H₇₆D₃NO₁₃

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 Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Light Yellow Solid	White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms

Additional Information

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9 : 1; Visualized with UV and AMCS; Single Spot, R_f = 0.65.
Normalized Intensity: d₀ = 7.40%, d₁ = 0.37%, d₂ = 0.00%, d₃ = 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. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
		HBN My Nguyen	10/22/2019	10/21/2023