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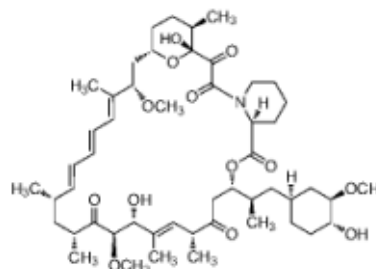
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Product Specification

Product Name:
Rapamycin from *Streptomyces hygroscopicus* - ≥95% (HPLC), powder

Product Number: R0395
CAS Number: 53123-88-9
Formula: C₅₁H₇₉NO₁₃
Formula Weight: 914.17 g/mol
Storage Temperature: -20 °C



TEST

Specification

Appearance (Form)	Powder
Appearance (Colour)	White to Yellow
Solubility (Solvent)	Chloroform
Solubility (Conc)	4.90 - 5.10 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Pale Yellow to Yellow
Water (by Karl Fischer)	≤ 4.00 %
Elemental Anal. (%C anhydrous)	66.50 - 67.50 %
Elemental Anal. (%N anhydrous)	1.23 - 1.83 %
Purity (HPLC)	≥ 95.00 %
NMR (Solvent)	CDCl ₃
Identity by NMR	Consistent
Storage Conditions	Under Argon
Recommended Retest Period	-----
2 Years	

Specification: PRE.0.ZQ5.1000002220

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.