



Certificate of Analysis

Product Name	Rapamycin (Sirolimus; AY22989)
Catalog No.	V0174
Batch No.	V017402

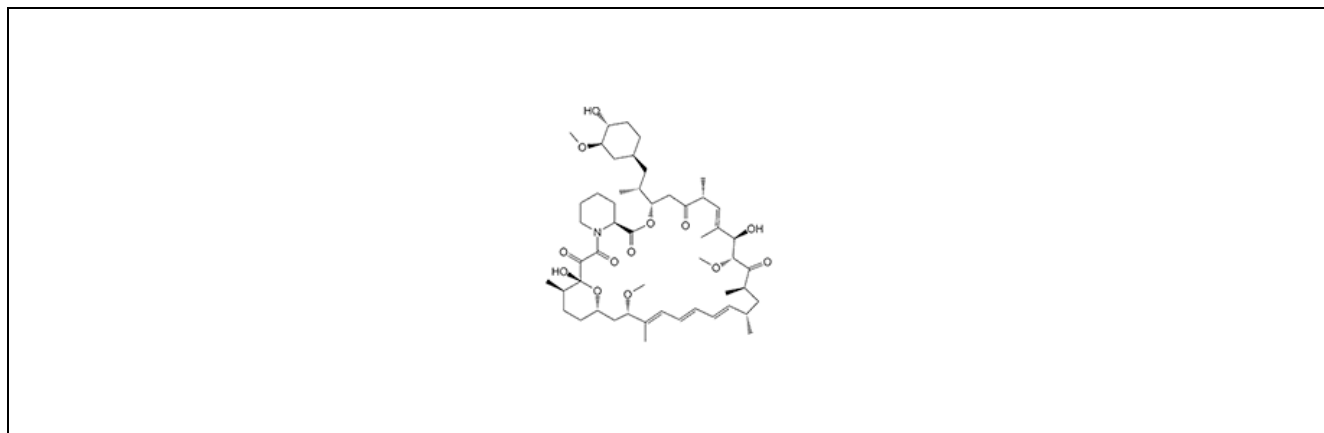
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₅₁ H ₇₉ NO ₁₃
Molecular Weight	914.18
Purity	≥98%
CAS No.	53123-88-9
Production Date	05/06/2022

2. Analytical Data

HPLC	Indicates ≥98% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition for six weeks
Long term storage (months)	-20 °C under dry condition for two years

Products are for research use only • Not for human or veterinary use