

SPECIFICATION

Ascomycin

Parameters	Specification
CAS Number	104987-12-4
Appearance	White to pale yellow crystalline powder
Molecular Formula	C ₄₃ H ₆₉ N ₁₂ O ₁₂
Molecular Weight	804.02 g/mol
Boiling Point	300 °C
Melting Point	125 °C
Flash Point	190 °C
Purity	98–99%
Refractive Index	1.54
Solubility	Sparingly soluble in water; soluble in methanol, ethanol, acetone, and DMSO
Uses	Immunosuppressant and antibiotic used in research; structural analogue of tacrolimus



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