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Product Specifications

Catalogue Number	31031
Product	Rapamycin from Streptomyces hygroscopicus 23,27-Epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclohentriacontine
CAS Number	53123-88-9
Molecular Formula	C ₅₁ H ₇₉ NO ₁₃
Molecular Weight	914.17

Appearance	White to off-white or yellow crystalline powder
Water Content (Karl Fisher)	≤ 0.5%
Infrared Spectrum	Conforms to structure
Residual Solvents	Ethanol : ≤ 0.5% Diethyl ether : ≤ 0.5% Ethyl acetate : ≤ 0.5% Dichloromethane : ≤ 0.06% n-Hexane : ≤ 0.029%
Related Substances	Impurity A : ≤ 1% C Isomer : ≤ 5% Max. single unknown impurity : ≤ 2% Total impurities : ≤ 3%
Purity by HPLC	95 - 102%
Storage	Store at - 10 °C

For Laboratory Use Only