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Product Datasheet

Rapamycin, CAS [[53123-88-9]] FBM-10-1104

Article Name	Rapamycin, CAS [[53123-88-9]]
Biozol Catalog Number	FBM-10-1104
Supplier Catalog Number	10-1104
Alternative Catalog Number	FBM-10-1104-10MG,FBM-10-1104-50MG,FBM-10-1104-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	mTOR inhibitor...
Molecular Weight	914.17
Purity	98% NMR Conforms
Form	White solid
CAS Number	[53123-88-9]
Formula	C ₅₁ H ₇₉ NO ₁₃
Application Notes	Clinically useful immunosuppressant. Inhibits the response to interleukin-2 blocking activation of T- and B-cells.1 Rapamycin forms a complex with cytosolic FK-binding protein 12 (FKB12) that binds to mTOR Complex1(mTORC1) inhibiting the mammalian target of rapamycin (mTOR).2 Also binds to mTORC2 leading to decreased glucose tolerance and insensitivity to insulin.3 Induces autophagy.4