Rapamycin

Macrolide originally produced by Streptomyces; mTOR inhibitor.

An antifungal antibiotic that has immnusuppresive activity. It blocks cytokine-mediated signal transduction pathways.

Ordering Information

Order Online »

LKT-R0161-M010	10mg
LKT-R0161-M100	100mg

Manuals, SDS & CofA

View Online »

Handling & Storage

Handling	Protect from light. Hygroscopic.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Sirolimus, AY-22989
CAS	53123-88-9
Couple Type	Inhibitor
Formula	$C_{51}H_{79}NO_{13}$
MI	**13**: 8202
MW	914.17
Purity	≥99%
Solubility	Soluble in ether, chloroform, acetone, methanol, DMF, DMSO (20 mg/mL), and ethanol (up to 2 mM). Sparingly soluble in hexane and petr ether. Insoluble in water.

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