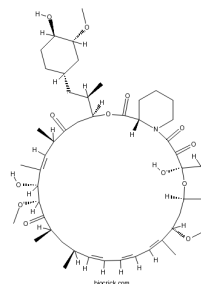


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## PHYSICAL AND CHEMICAL PROPERTIES

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<b>Product Name:</b>	Rapamycin (Sirolimus)
<b>Catalog Number:</b>	BCC3592
<b>Cas No.:</b>	53123-88-9
<b>Formula:</b>	C <sub>51</sub> H <sub>79</sub> NO <sub>13</sub>
<b>M.Wt:</b>	914.18
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	Sirolimus
<b>Chemical Name:</b>	N/A
<b>SMILES:</b>	<chem>CC1CCC2CC(C(=CC=CC=CC(C(C(=O)C(C(C(=CC(C(=O)CC(OC(=O)C3CCCCN3C(=O)C(=O)C1(O2)O)C(C)CC4CCC(C(C4)OC)O)C)C)O)OC)C)C)OC</chem>
<b>Solubility:</b>	DMSO : 125 mg/mL (136.74 mM; Need ultrasonic) Ethanol : 50 mg/mL (54.69 mM; Need ultrasonic) H <sub>2</sub> O : < 0.1 mg/mL (insoluble)



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## STORAGE AND SHIPPING

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<b>Storage:</b>	Store the product in sealed, cool and dry condition.
<b>General tips:</b>	For obtaining a higher solubility, please warm the tube at 37° and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20° for several months.
<b>Shipping Condition:</b>	Ship with RT , or blue ice upon request

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## INTENDED USE

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1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

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## CAUTION!

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**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most BioCrick products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure*

*that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

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