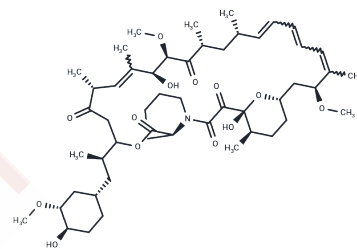


## 28-Epirapamycin

## Chemical Properties

CAS No. :	253431-35-5
Formula:	C <sub>51</sub> H <sub>79</sub> N <sub>13</sub> O <sub>13</sub>
Molecular Weight:	914.17
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	28-Epirapamycin, an impurity of Rapamycin, serves as a potent and specific mTOR inhibitor, exhibiting an IC <sub>50</sub> value of 0.1 nM in HEK293 cells [1].
Targets(IC <sub>50</sub> )	Others, Drug Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0939 mL	5.4694 mL	10.9389 mL
5 mM	0.2188 mL	1.0939 mL	2.1878 mL
10 mM	0.1094 mL	0.5469 mL	1.0939 mL
50 mM	0.0219 mL	0.1094 mL	0.2188 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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