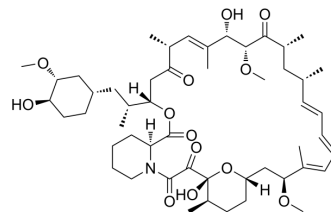


28-Epirapamycin

Cat. No.:	HY-136583		
CAS No.:	253431-35-5		
Molecular Formula:	C ₅₁ H ₇₉ NO ₁₃		
Molecular Weight:	914.17		
Target:	Drug Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

28-Epirapamycin is an impurity of Rapamycin. Rapamycin is a potent and specific mTOR inhibitor with an IC₅₀ of 0.1 nM in HEK293 cells^[1].

REFERENCES

[1]. Edwards SR, et al. The rapamycin-binding domain of the protein kinase mammalian target of rapamycin is a destabilizing domain. *J Biol Chem.* 2007;282(18):13395-13401.

Caution: Product has not been fully validated for medical applications. For research use only.

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