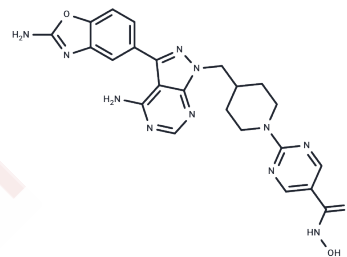


mTOR/HDAC-IN-1

Chemical Properties

CAS No. :	2815286-02-1
Formula:	C ₂₃ H ₂₃ N ₁₁ O ₃
Molecular Weight:	501.5
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	mTOR/HDAC-IN-1 (Compound 50) is a dual inhibitor of mTOR and HDAC, with IC ₅₀ values of 0.49 nM and 0.91 nM, respectively, holding potential as an anti-cancer agent [1].
Targets(IC ₅₀)	Others,HDAC,mTOR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.994 mL	9.9701 mL	19.9402 mL
5 mM	0.3988 mL	1.994 mL	3.988 mL
10 mM	0.1994 mL	0.997 mL	1.994 mL
50 mM	0.0399 mL	0.1994 mL	0.3988 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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