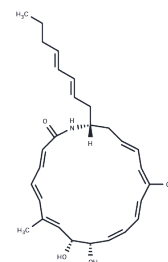


## Heronamide C

## Chemical Properties

CAS No. :	1257083-94-5
Formula:	C <sub>29</sub> H <sub>39</sub> NO <sub>3</sub>
Molecular Weight:	449.635
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	Heronamide C, a polyketide macrolactam antifungal agent synthesized by marine Actinomycetes, exhibits selective toxicity by inhibiting growth and promoting abnormal cell wall material accumulation in wild-type fission yeast cells (MIC = 0.13-0.28 μM), without affecting Gram-positive bacteria or human cancer cell lines, HeLa and MDA-MB-231. At 20 μM, it triggers reversible morphological alterations, notably the development of large intracellular structures, in HeLa cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.224 mL	11.120 mL	22.240 mL
5 mM	0.4448 mL	2.224 mL	4.448 mL
10 mM	0.2224 mL	1.112 mL	2.224 mL
50 mM	0.0445 mL	0.2224 mL	0.4448 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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