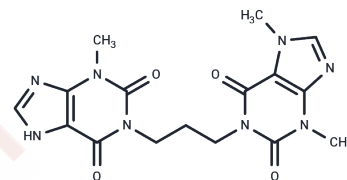


## Bisdionin F

## Chemical Properties

CAS No. :	917877-86-2
Formula:	C <sub>16</sub> H <sub>18</sub> N <sub>8</sub> O <sub>4</sub>
Molecular Weight:	386.37
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	Bisdionin F is a selective inhibitor of hAMCase.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5882 mL	12.941 mL	25.8819 mL
5 mM	0.5176 mL	2.5882 mL	5.1764 mL
10 mM	0.2588 mL	1.2941 mL	2.5882 mL
50 mM	0.0518 mL	0.2588 mL	0.5176 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.

## Reference

Wagener J, MacCallum DM, Brown GD, Gow NA. Candida albicans Chitin Increases Arginase-1 Activity in Human Macrophages, with an Impact on Macrophage Antimicrobial Functions. MBio. 2017 Jan 24;8(1). pii: e01820-16. doi: 10.1128/mBio.01820-16. PubMed PMID: 28119468; PubMed Central PMCID: PMC5263244.

Sutherland TE, Andersen OA, Betou M, Eggleston IM, Maizels RM, van Aalten D, Allen JE. Analyzing airway inflammation with chemical biology: dissection of acidic mammalian chitinase function with a selective drug-like inhibitor. Chem Biol. 2011 May 27;18(5):569-79. doi: 10.1016/j.chembiol.2011.02.017. PubMed PMID: 21609838; PubMed Central PMCID: PMC3115046.

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