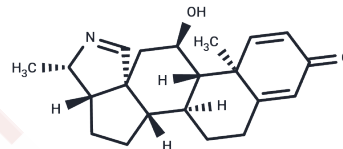


## Holanamine

## Chemical Properties

CAS No. :	6869-29-0
Formula:	C <sub>21</sub> H <sub>27</sub> N <sub>2</sub> O
Molecular Weight:	325.45
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	Holanamine is a compound used to combat Leishmania donovani and has been identified as a non-competitive inhibitor of LdToP1B. Docking studies reveal that Holanamine exerts its antileishmanial effects through hydrogen bonds and hydrophobic interactions with the N-terminal and hinge regions of the LTop1B large subunit.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0727 mL	15.3633 mL	30.7267 mL
5 mM	0.6145 mL	3.0727 mL	6.1453 mL
10 mM	0.3073 mL	1.5363 mL	3.0727 mL
50 mM	0.0615 mL	0.3073 mL	0.6145 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.

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