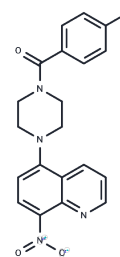


B2

Chemical Properties

CAS No. :	115687-05-3
Formula:	C ₂₀ H ₁₇ ClN ₄ O ₃
Molecular Weight:	396.83
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	B2 (Linazolamide intermediate B impurity 2) promotes inclusion formation in cellular models of Huntington's disease and Parkinson's disease
Targets(IC50)	HIF/HIF Prolyl-Hydroxylase,Sirtuin

Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble) H ₂ O: 2 mg/mL (5.04 mM),Sonication is recommended. DMSO: 50 mg/mL (126 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.520 mL	12.5999 mL	25.1997 mL
5 mM	0.504 mL	2.520 mL	5.0399 mL
10 mM	0.252 mL	1.260 mL	2.520 mL
50 mM	0.0504 mL	0.252 mL	0.504 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

Bodner et al (2006) Pharmacological promotion of inclusion formation:a therapeutic approach for Huntington's and Parkinson's diseases. Proc.Natl.Acad.Sci.USA 103 4246

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