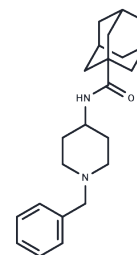


N-(1-benzyl-4-piperidyl)adamantane-1-carboxamide

Chemical Properties

CAS No. :	314030-54-1
Formula:	C ₂₃ H ₃₂ N ₂ O
Molecular Weight:	352.51
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	N-(1-benzyl-4-piperidyl)adamantane-1-carboxamide inhibiting the entry of Ebola virus in host cells by binding to the surface glycoprotein, the compound inhibited the Ebola virus with EC ₅₀ of 3.9 μM.
Targets(IC ₅₀)	Influenza Virus, Virus Protease

Solubility Information

Solubility	DMSO: 27.5 mg/mL (78.01 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	2.8368 mL	14.184 mL	28.368 mL
5 mM	0.5674 mL	2.8368 mL	5.6736 mL
10 mM	0.2837 mL	1.4184 mL	2.8368 mL
50 mM	0.0567 mL	0.2837 mL	0.5674 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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