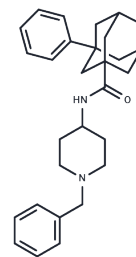


3-Phenyl-n-[1-(phenylmethyl)-4-piperidiny]-tricyclo[3.3.1.1<sup>3,7</sup>]decane-1-carboxamide

## Chemical Properties

CAS No. :	1252187-41-9
Formula:	C <sub>29</sub> H <sub>36</sub> N <sub>2</sub> O
Molecular Weight:	428.61
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	3-Phenyl-n-[1-(phenylmethyl)-4-piperidiny]-tricyclo[3.3.1.1 <sup>3,7</sup> ]decane-1-carboxamide has antiviral activity against Ebola virus that targets the surface-exposed glycoprotein and inhibits viral entry into host cells. In vitro studies in Vero cells revealed the compound inhibits the viral replication with EC <sub>50</sub> of 0.38 μM.
Targets(IC <sub>50</sub> )	Influenza Virus, Virus Protease

## Solubility Information

Solubility	DMSO: 22.5 mg/mL (52.5 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	2.3331 mL	11.6656 mL	23.3312 mL
5 mM	0.4666 mL	2.3331 mL	4.6662 mL
10 mM	0.2333 mL	1.1666 mL	2.3331 mL
50 mM	0.0467 mL	0.2333 mL	0.4666 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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