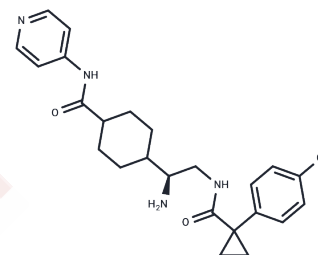


CIDD-0072424

## Chemical Properties

CAS No. : 1620195-03-0  
 Formula: C<sub>24</sub>H<sub>29</sub>ClN<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 440.97  
 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	CIDD-0072424 is a selective inhibitor of protein kinase C-epsilon (PKCε) in the central nervous system, with a K <sub>i</sub> of 54 nM. It demonstrates a dose-dependent reduction in ethanol consumption and preference.
Targets(IC <sub>50</sub> )	PKC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2677 mL	11.3386 mL	22.6773 mL
5 mM	0.4535 mL	2.2677 mL	4.5355 mL
10 mM	0.2268 mL	1.1339 mL	2.2677 mL
50 mM	0.0454 mL	0.2268 mL	0.4535 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

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