

## FIPI HCl

## Chemical Properties

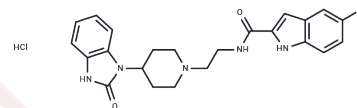
CAS No. : 1781834-93-2

Formula: C<sub>23</sub>H<sub>25</sub>ClFN<sub>5</sub>O<sub>2</sub>

Molecular Weight: 457.93

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	FIPI is an effective and selective phospholipase D inhibitor that reduces mercury-induced lipid signaling and thus protects aortic endothelial cells from cytotoxicity.
Targets(IC50)	Others, Autophagy, Phospholipase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1837 mL	10.9187 mL	21.8374 mL
5 mM	0.4367 mL	2.1837 mL	4.3675 mL
10 mM	0.2184 mL	1.0919 mL	2.1837 mL
50 mM	0.0437 mL	0.2184 mL	0.4367 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

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Björnström K, Turina D, Strid T, Sundqvist T, Eintrei C. Orexin A inhibits propofol-induced neurite retraction by a phospholipase D/protein kinase C $\epsilon$ -dependent mechanism in neurons. *PLoS One*. 2014 May 14;9(5):e97129. doi: 10.1371/journal.pone.0097129. eCollection 2014. PubMed PMID: 24828410; PubMed Central PMCID: PMC4020800.

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