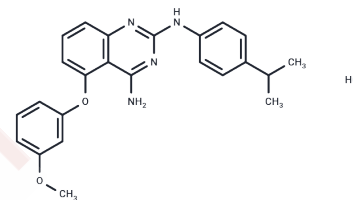


## Yhhu-3792 hydrochloride

## Chemical Properties

CAS No. :	2624336-93-0
Formula:	C <sub>24</sub> H <sub>25</sub> ClN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	436.93
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	Yhhu-3792 hydrochloride is a compound that bolsters the self-renewal capacity of neural stem cells (NSCs), catalyzes the Notch signaling pathway, and upregulates expression of Hes3 and Hes5. It augments the NSC pool, stimulates endogenous neurogenesis in the mouse hippocampal dentate gyrus (DG), and enhances mice's spatial and episodic memory skills. This compound shows promise for researching learning and memory impairments linked to DG dysfunction [1].
Targets(IC50)	Others,Gamma-secretase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2887 mL	11.4435 mL	22.887 mL
5 mM	0.4577 mL	2.2887 mL	4.5774 mL
10 mM	0.2289 mL	1.1443 mL	2.2887 mL
50 mM	0.0458 mL	0.2289 mL	0.4577 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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