

Yhhu-3792

Chemical Properties

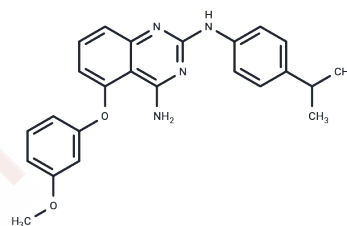
CAS No. : 2097826-24-7

Formula: C₂₄H₂₄N₄O₂

Molecular Weight: 400.47

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 activates Notch signaling pathway and promotes the expression of Hes3 and Hes5. Yhhu-3792 enhanced the self-renewal ability of neural stem cells (NSCs), expanded the NSC pool and promoted endogenous neurogenesis in the dentate gyrus (DG) of the hippocampus in mice. Yhhu-3792 can improve the situational and spatial memory ability of mice. Yhhu-3792 has research potential in DG dysfunction related to memory impairment. |
| Targets(IC50) | Others,Gamma-secretase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4971 mL | 12.4853 mL | 24.9707 mL |
| 5 mM | 0.4994 mL | 2.4971 mL | 4.9941 mL |
| 10 mM | 0.2497 mL | 1.2485 mL | 2.4971 mL |
| 50 mM | 0.0499 mL | 0.2497 mL | 0.4994 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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