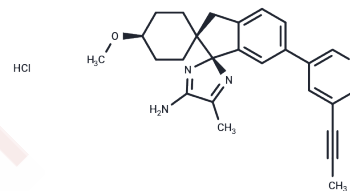


Lanabecestat HCl

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1383986-31-9 |
| Formula: | C ₂₆ H ₂₉ ClN ₄ O |
| Molecular Weight: | 448.995 |
| 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 | Lanabecestat, also known as AZD3293 and LY3314814, is a potent, highly permeable, orally active, blood-brain barrier (BBB) penetrating, BACE1 inhibitor with unique slow off-rate kinetics. AZD3293 displayed significant dose- and time-dependent reductions in plasma, cerebrospinal fluid, and brain concentrations of Aβ ₄₀ , Aβ ₄₂ , and sAβPPβ. |
| Targets(IC50) | Others, Beta-Secretase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.2272 mL | 11.1359 mL | 22.2717 mL |
| 5 mM | 0.4454 mL | 2.2272 mL | 4.4543 mL |
| 10 mM | 0.2227 mL | 1.1136 mL | 2.2272 mL |
| 50 mM | 0.0445 mL | 0.2227 mL | 0.4454 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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