

ZLWH-23

Chemical Properties

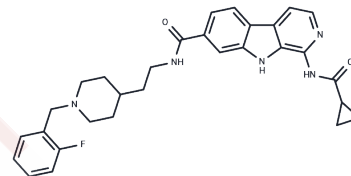
CAS No. : 2765251-12-3

Formula: C30H32FN5O2

Molecular Weight: 513.61

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	ZLWH-23 is a selective inhibitor of acetylcholinesterase (AChE) (IC ₅₀ : 0.27 μM) and inhibits GSK-3β with an IC ₅₀ value of 6.78 μM. ZLWH-23 selectively acts on BChE (IC ₅₀ =20.82 μM) and on multiple kinases as well as GSK-3β. ZLWH-23 has potential for Alzheimer's disease research.
Targets(IC ₅₀)	Others,Cholinesterase (ChE),GSK-3

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.947 mL	9.735 mL	19.470 mL
5 mM	0.3894 mL	1.947 mL	3.894 mL
10 mM	0.1947 mL	0.9735 mL	1.947 mL
50 mM	0.0389 mL	0.1947 mL	0.3894 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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