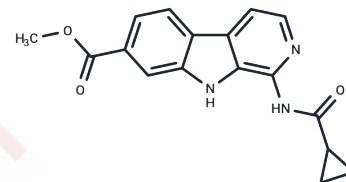


ZDWX-25

Chemical Properties

CAS No. : 2668297-70-7
 Formula: C₁₇H₁₅N₃O₃
 Molecular Weight: 309.32
 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	ZDWX-25 is a highly potent dual inhibitor of GSK-3 β and DYRK1A, exhibiting significant cytotoxic activities towards SH-SY5Y and HL-7702 cells, and an IC ₅₀ value of 71 nM for GSK-3 β [1]. ZDWX-25 can be used for Alzheimer's disease research.
Targets(IC ₅₀)	Others,GSK-3

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2329 mL	16.1645 mL	32.329 mL
5 mM	0.6466 mL	3.2329 mL	6.4658 mL
10 mM	0.3233 mL	1.6164 mL	3.2329 mL
50 mM	0.0647 mL	0.3233 mL	0.6466 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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