Data Sheet (Cat.No.T60748)



ZDWX-25

Chemical Properties

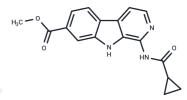
CAS No.: 2668297-70-7

Formula: C17H15N3O3

Molecular Weight: 309.32

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ZDWX-25 is a highly potent dual inhibitor of GSK-3β and DYRK1A that possesses
	significant cytotoxic activities towards SH-SY5Y and HL-7702 cells. ZDWX-25 can be used
	for Alzheimer's disease research with an IC 50 value of 71 nM for GSK-3β [1].

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481

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