

GSK-3 $\beta$  inhibitor 15

## Chemical Properties

CAS No. :

Formula: C17H16N6O5

Molecular Weight: 352.41

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	GSK-3 $\beta$ inhibitor 15 (Compound 54), with an IC50 of 3.4 nM, effectively suppresses A $\beta$ 1-42-induced phosphorylation of GSK-3 $\beta$ and tau protein, as well as LPS-induced iNOS expression, demonstrating neuroprotective properties against A $\beta$ 1-42-induced neurotoxicity and indicating potential utility in Alzheimer's disease (AD) research [1].
Targets(IC50)	Apoptosis,Others,Microtubule Associated,GSK-3

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8376 mL	14.188 mL	28.376 mL
5 mM	0.5675 mL	2.8376 mL	5.6752 mL
10 mM	0.2838 mL	1.4188 mL	2.8376 mL
50 mM	0.0568 mL	0.2838 mL	0.5675 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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