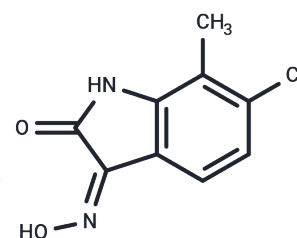


18BIOder

## Chemical Properties

CAS No. : 275374-93-1  
 Formula: C<sub>9</sub>H<sub>7</sub>ClN<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 210.62  
 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	18BIOder is a neuroprotective inhibitor of GSK-3 $\beta$ , highly selectively inhibiting HIV-1. It is the second generation derivative of 6BIO.
Targets(IC50)	Others,HIV Protease,GSK-3

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7479 mL	23.7394 mL	47.4789 mL
5 mM	0.9496 mL	4.7479 mL	9.4958 mL
10 mM	0.4748 mL	2.3739 mL	4.7479 mL
50 mM	0.095 mL	0.4748 mL	0.9496 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.

## Reference

Guendel I, Iordanskiy S, Van Duyne R, Kehn-Hall K, Saifuddin M, Das R, Jaworski E, Sampey GC, Senina S, Shultz L, Narayanan A, Chen H, Lepene B, Zeng C, Kashanchi F. Novel neuroprotective GSK-3 $\beta$  inhibitor restricts Tat-mediated HIV-1 replication. J Virol. 2014 Jan;88(2):1189-208. doi: 10.1128/JVI.01940-13. Epub 2013 Nov 13. PubMed PMID: 24227837; PubMed Central PMCID: PMC3911635.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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