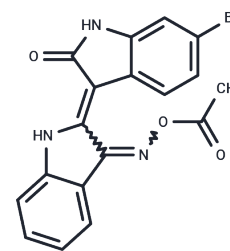


(E/Z)-BIO-acetoxime

Chemical Properties

CAS No. :	740841-15-0
Formula:	C ₁₈ H ₁₂ BrN ₃ O ₃
Molecular Weight:	398.21
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	(E/Z) - BIO-acetoxime is effective and selective GSK-3 α/β Inhibitors. For GSK-3 α/β , CDK5/p25, CDK2/cyclin A and CDK1/cyclin B, IC ₅₀ are 10nM, 2.4 μ M, 4.3 μ M, 63 μ M, respectively.
Targets(IC ₅₀)	Others,CDK,GSK-3
In vitro	(E/Z)-BIO-acetoxime (compound 13) demonstrates a selectivity greater than 200-fold for GSK-3 α/β over CDK5/p25, CDK2/cyclin A, and CDK1/cyclin B, exhibiting IC ₅₀ values of 0.01, 2.4, 4.3, and 63 μ M, respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5112 mL	12.5562 mL	25.1124 mL
5 mM	0.5022 mL	2.5112 mL	5.0225 mL
10 mM	0.2511 mL	1.2556 mL	2.5112 mL
50 mM	0.0502 mL	0.2511 mL	0.5022 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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