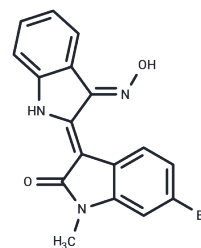


MeBIO

Chemical Properties

CAS No. :	667463-95-8
Formula:	C17H12BrN3O2
Molecular Weight:	370.2
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	MeBIO is an agonist of aryl hydrocarbon receptor, with IC50 of 44 and 55 μ M for GSK-3 and CDK1/CyclinB, respectively. MeBIO does not affect GSK-3 β .
Targets(IC50)	Aryl Hydrocarbon Receptor,CDK,GSK-3

Solubility Information

Solubility	DMSO: 9 mg/mL (24.31 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7012 mL	13.5062 mL	27.0124 mL
5 mM	0.5402 mL	2.7012 mL	5.4025 mL
10 mM	0.2701 mL	1.3506 mL	2.7012 mL
50 mM	0.054 mL	0.2701 mL	0.5402 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

Meijer L, et al. GSK-3-selective inhibitors derived from Tyrian purple indirubins. Chem Biol. 2003 Dec;10(12):1255-66.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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