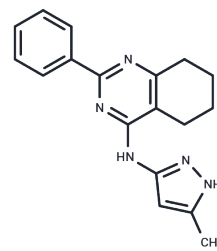


GSK3i XIII

Chemical Properties

CAS No. :	404828-08-6
Formula:	C ₁₈ H ₁₉ N ₅
Molecular Weight:	305.38
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	GSK3i XIII (GSK3 inhibitor XIII) is a GSK-3 ATP-binding site inhibitor.
Targets(IC50)	CaMK,GSK-3

Solubility Information

Solubility	DMSO: 22.5 mg/mL (73.68 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	3.2746 mL	16.373 mL	32.7461 mL
5 mM	0.6549 mL	3.2746 mL	6.5492 mL
10 mM	0.3275 mL	1.6373 mL	3.2746 mL
50 mM	0.0655 mL	0.3275 mL	0.6549 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

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Schütz SV, Cronauer MV, Rinnab L. Inhibition of glycogen synthase kinase-3 β promotes nuclear export of the androgen receptor through a CRM1-dependent mechanism in prostate cancer cell lines. *J Cell Biochem*. 2010 Apr 15;109(6):1192-200. doi: 10.1002/jcb.22500. PubMed PMID: 20127713.

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