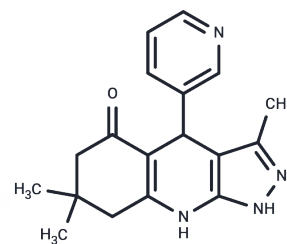


GSK3-IN-4

Chemical Properties

CAS No. : 748145-19-9
 Formula: C₁₈H₂₀N₄O
 Molecular Weight: 308.38
 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	GSK3-IN-4 is a GSK-3 inhibitor with IC ₅₀ of 0.101-1 μM of GSK-3α and GSK-3β in Calipe Assay.
Targets(IC ₅₀)	GSK-3

Solubility Information

Solubility	DMSO: 50 mg/mL (162.14 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	3.2428 mL	16.2138 mL	32.4275 mL
5 mM	0.6486 mL	3.2428 mL	6.4855 mL
10 mM	0.3243 mL	1.6214 mL	3.2428 mL
50 mM	0.0649 mL	0.3243 mL	0.6486 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

Scolnick, Edward; Cottrell, Jeffrey R.; Wagner, Florence Fevrier; Holson, Edward; Lewis, Michael C.; Bear, Mark Firman; Stoppel, Laura; Heynen, Arnold United States, US20160375006 A1 2016-12-29

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481