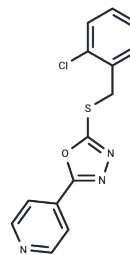


GSK3-IN-1

Chemical Properties

CAS No. :	478482-74-5
Formula:	C ₁₄ H ₁₀ ClN ₃ O ₂ S
Molecular Weight:	303.77
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-1 is a GSK3B-glycogen synthase kinase-3 beta inhibitor.
Targets(IC50)	GSK-3

Solubility Information

Solubility	DMSO: 60 mg/mL (197.52 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	3.292 mL	16.4598 mL	32.9196 mL
5 mM	0.6584 mL	3.292 mL	6.5839 mL
10 mM	0.3292 mL	1.646 mL	3.292 mL
50 mM	0.0658 mL	0.3292 mL	0.6584 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

Sun, Guo-Xiang; Shi, Yan-Xia; Sun, Zhao-Hui; Yang, Ming-Yan; Wu, Hong-Ke; Weng, Jian-Quan; Tan, Cheng-Xia; Liu, Xing-Hai; Li, Bao-Ju; Zhang, Yong-Gang. Synthesis and bioactivities of novel 1,3,4-oxadiazole derivatives containing pyridine moiety.

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