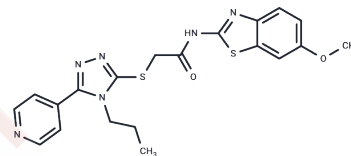


GNF-1331

Chemical Properties

CAS No. : 603101-22-0
 Formula: C₂₀H₂₀N₆O₂S₂
 Molecular Weight: 440.54
 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	GNF-1331 is a potent, selective, and orally bioavailable porcupine inhibitor (IC ₅₀ = 12 nM). Blocking abnormal Wnt signaling is an attractive treatment for a variety of cancers.
Targets(IC ₅₀)	Others, Porcupine, Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2699 mL	11.3497 mL	22.6994 mL
5 mM	0.454 mL	2.2699 mL	4.5399 mL
10 mM	0.227 mL	1.135 mL	2.2699 mL
50 mM	0.0454 mL	0.227 mL	0.454 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

Discovery of Pyridinyl Acetamide Derivatives as Potent, Selective, and Orally Bioavailable Porcupine Inhibitors Dai Cheng, Jun Liu, Dong Han, Guobao Zhang, Wenqi Gao, Mindy H. Hsieh, Nicholas Ng, Shailaja Kasibhatla, Celin Tompkins, Jie Li, Auzon Steffy, Fangxian Sun, Chun Li, H. Martin Seidel, Jennifer L. Harris, and Shifeng Pan
 Publication Date (Web): May 10, 2016 (Letter) doi: 10.1021/acsmedchemlett.6b00038

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