

SKLB70326

Chemical Properties

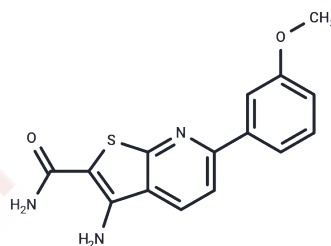
CAS No. : 1257317-77-3

Formula: C₁₅H₁₃N₃O₂S

Molecular Weight: 299.35

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	SKLB70326 is a cell-cycle progression inhibitor that acts by inducing G ₀ /G ₁ phase arrest and apoptosis in human hepatic carcinoma cells.
Targets(IC ₅₀)	Apoptosis,Bcl-2 Family,Others,Caspase,CDK,PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3406 mL	16.7029 mL	33.4057 mL
5 mM	0.6681 mL	3.3406 mL	6.6811 mL
10 mM	0.3341 mL	1.6703 mL	3.3406 mL
50 mM	0.0668 mL	0.3341 mL	0.6681 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

Han Y, He H, Peng F, Liu J, Dai X, Lin H, Xu Y, Zhou T, Mao Y, Xie G, Yang S, Yu L, Yang L, Zhao Y. SKLB70326, a novel small-molecule inhibitor of cell-cycle progression, induces G₀/G₁ phase arrest and apoptosis in human hepatic carcinoma cells. *Biochem Biophys Res Commun.* 2012 May 18;421(4):684-9. doi: 10.1016/j.bbrc.2012.04.062. Epub 2012 Apr 21. PubMed PMID: 22542944.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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