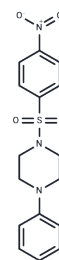


BCN512

Chemical Properties

CAS No. : 346691-54-1
 Formula: C₁₆H₁₇N₃O₄S
 Molecular Weight: 347.39
 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	BCN512 is an orally active inhibitor of the Wnt/ β -catenin signaling pathway that promotes the degradation of β -catenin by activating GSK-3 β , thereby downregulating associated transcriptional activity. BCN512 inhibits the proliferation of colorectal cancer cells and induces differentiation, making it suitable for use in cancer therapy research.
Targets(IC50)	Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8786 mL	14.393 mL	28.7861 mL
5 mM	0.5757 mL	2.8786 mL	5.7572 mL
10 mM	0.2879 mL	1.4393 mL	2.8786 mL
50 mM	0.0576 mL	0.2879 mL	0.5757 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

Andrew J. Norris, et al. Methods of treatment using BCN057 and BCN512. US11358964B2. 2020.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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