

SNIPER(BRD)-1

Chemical Properties

CAS No. : 2095244-54-3

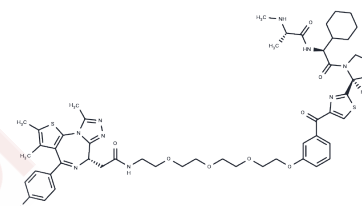
Formula: C53H66ClN9O8S2

Molecular Weight: 1056.73

Keep away from direct sunlight

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	SNIPER(BRD)-1 is a chemical compound composed of a derivative of the IAP antagonist LCL-161 and the BET inhibitor (+)-JQ-1, linked together. It promotes the degradation of BRD4 through the ubiquitin-proteasome pathway and effectively degrades cIAP1, cIAP2, and XIAP with IC50 values of 6.8 nM, 17 nM, and 49nM, respectively[1].
Targets(IC50)	Others,Epigenetic Reader Domain,SNIPERS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9463 mL	4.7316 mL	9.4632 mL
5 mM	0.1893 mL	0.9463 mL	1.8926 mL
10 mM	0.0946 mL	0.4732 mL	0.9463 mL
50 mM	0.0189 mL	0.0946 mL	0.1893 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

Ohoka N, et al. Different Degradation Mechanisms of Inhibitor of Apoptosis Proteins (IAPs) by the Specific and Nongenetic IAP-Dependent Protein Eraser (SNIPER). Chem Pharm Bull (Tokyo). 2019 Mar 1;67(3):203-209.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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