

SNIPER(ABL)-039

Chemical Properties

CAS No. : 2222354-29-0

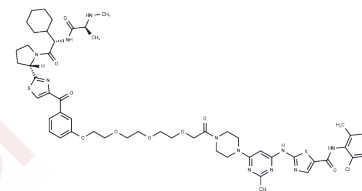
Formula: C54H68ClN11O9S2

Molecular Weight: 1114.77

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(ABL)-039, conjugating Dasatinib (ABL inhibitor) to an LCL161 derivative (IAP ligand) with a linker, induces the reduction of BCR-ABL protein with a DC50 of 10 nM. IC50s are 0.54 nM for ABL, 10 nM for cIAP1, 12 nM for cIAP2, and 50 nM for XIAP[1].
Targets(IC50)	Others,Bcr-Abl,SNIPERs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.897 mL	4.4852 mL	8.9705 mL
5 mM	0.1794 mL	0.897 mL	1.7941 mL
10 mM	0.0897 mL	0.4485 mL	0.897 mL
50 mM	0.0179 mL	0.0897 mL	0.1794 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

Shibata N, et al. Development of protein degradation inducers of oncogenic BCR-ABL protein by conjugation of ABL kinase inhibitors and IAP ligands. Cancer Sci. 2017 Aug;108(8):1657-1666.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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