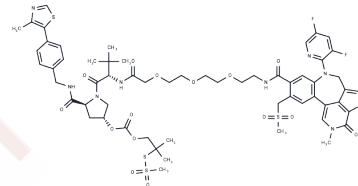


PROTAC BRD4 Degradar-9

Chemical Properties

CAS No. :	2417370-42-2
Formula:	C59H71F2N9O15S4
Molecular Weight:	1312.5
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	PROTAC BRD4 Degradar-9 (compound 8a) is a novel chemical compound comprising ligands for von Hippel-Lindau and BRD4, connected by a PROTAC moiety. This compound efficiently degrades the BRD4 protein in PC3 prostate cancer cells. When conjugated with STEAP1 and CLL1 antibodies, PROTAC BRD4 Degradar-9 exhibits potent activity, with respective DC50 values of 0.86 nM and 7.6 nM.
Targets(IC50)	Others, Epigenetic Reader Domain, PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7619 mL	3.8095 mL	7.619 mL
5 mM	0.1524 mL	0.7619 mL	1.5238 mL
10 mM	0.0762 mL	0.381 mL	0.7619 mL
50 mM	0.0152 mL	0.0762 mL	0.1524 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

Dragovich PS, et, al. Antibody-Mediated Delivery of Chimeric BRD4 Degraders. Part 2: Improvement of In Vitro Antiproliferation Activity and In Vivo Antitumor Efficacy. J Med Chem. 2021 Mar 11;64(5):2576-2607.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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