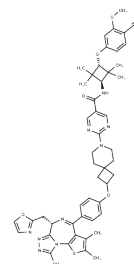


Antiproliferative agent-71

Chemical Properties

CAS No. :	3083307-42-7
Formula:	C50H54N10O5S
Molecular Weight:	907.09
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	Antiproliferative agent-71 (Compound II-5) is an orally active dual inhibitor that targets both the androgen receptor (AR) and bromodomain-containing protein 4 (BRD4). By inhibiting the functions of AR and BRD4 simultaneously, Antiproliferative agent-71 effectively suppresses the growth and proliferation of tumor cells. This compound holds potential for research in prostate cancer.
Targets(IC50)	Epigenetic Reader Domain, Androgen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1024 mL	5.5121 mL	11.0243 mL
5 mM	0.2205 mL	1.1024 mL	2.2049 mL
10 mM	0.1102 mL	0.5512 mL	1.1024 mL
50 mM	0.022 mL	0.1102 mL	0.2205 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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