

PROTAC AR-NTD degrader 1

Chemical Properties

CAS No. :

Formula: C₄₁H₄₇ClN₆O₇

Molecular Weight: 771.3

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	PROTAC AR-NTD antagonist 1 (compound 18) is a small molecule from the protein-targeting chimeras (PROTACs) that selectively targets the N-terminal domain (AR-NTD) of the Androgen Receptor variant AR-V7. By antagonizing AR-NTD, it effectively degrades AR-V7 protein and induces apoptosis in prostate cancer (PC) cells, with degradation efficiencies of 62.2% (1 μM) and 71.1% (5 μM) in VCaP cells [1].
Targets(IC50)	Apoptosis,Androgen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2965 mL	6.4826 mL	12.9651 mL
5 mM	0.2593 mL	1.2965 mL	2.593 mL
10 mM	0.1297 mL	0.6483 mL	1.2965 mL
50 mM	0.0259 mL	0.1297 mL	0.2593 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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