

BRD4 degrader-5

Chemical Properties

CAS No. :

Formula: C35H42ClN7O2S

Molecular Weight: 660.27

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	BRD4 degrader-5 (Compound 23) is a protein degrader utilizing a hydrophobic tag (HyTag) that targets BRD4 for degradation through endoplasmic reticulum stress and the autophagy-lysosome pathway (DC50 = 24.7 μ M). It also inhibits the proliferation of 4T1 cancer cells, with an IC50 of 20.6 μ M.
Targets(IC50)	Epigenetic Reader Domain, Autophagy, AUTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5145 mL	7.5727 mL	15.1453 mL
5 mM	0.3029 mL	1.5145 mL	3.0291 mL
10 mM	0.1515 mL	0.7573 mL	1.5145 mL
50 mM	0.0303 mL	0.1515 mL	0.3029 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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