

PROTAC BRD4 Degradar-1

Chemical Properties

CAS No. : 2133360-00-4

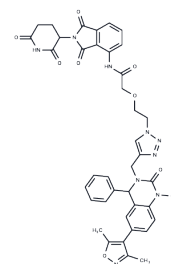
Formula: C40H37N9O8

Molecular Weight: 771.78

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 BRD4 Degradar-1 is an efficacious degrader of BRD4(BRD4 BD1, IC50 of 41.8 nM).
Targets(IC50)	Epigenetic Reader Domain, PROTACs
In vitro	PROTAC BRD4 Degradar-1 shows high inhibitory activity against the growth of human monocyte lymphoma cell line THP-1 (IC50 value of 0.81 μM), and moderate activity against Raji and HL-60 cell lines[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2957 mL	6.4785 mL	12.9571 mL
5 mM	0.2591 mL	1.2957 mL	2.5914 mL
10 mM	0.1296 mL	0.6479 mL	1.2957 mL
50 mM	0.0259 mL	0.1296 mL	0.2591 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

Zhang F, et al. Discovery of a new class of PROTAC BRD4 degraders based on a dihydroquinazolinone derivative and lenalidomide/pomalidomide. *Bioorg Med Chem.* 2020 Jan 1;28(1):115228.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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