

PROTAC BRD4 Degradator-16

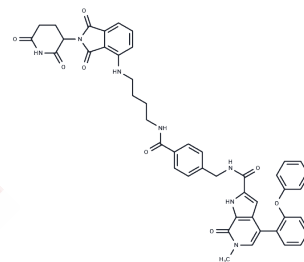
Chemical Properties

CAS No. : 2585561-36-8

Formula: C₄₆H₄₁N₇O₈

Molecular Weight: 819.86

Storage: Keep away from direct sunlight
 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 Degradator-16 is a potent degrader of BRD4, with IC ₅₀ values of 34.58 nM for BRD4 (BD1) and 40.23 nM for BRD4 (BD2). It significantly reduces Cyclin B1 expression, impedes G2/M phase progression, and induces apoptosis in MV-4-11 cells [1].
Targets(IC ₅₀)	Apoptosis,Epigenetic Reader Domain,PROTACs
In vitro	PROTAC BRD4 Degradator-16 (compound 7f) (100 nM) significantly induced the degradation of both BRD4 L and BRD4 S in MV-4-11 cells after 4 hours, with BRD4 S levels returning to baseline by 24 hours, similar to dBET6 [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2197 mL	6.0986 mL	12.1972 mL
5 mM	0.2439 mL	1.2197 mL	2.4394 mL
10 mM	0.122 mL	0.6099 mL	1.2197 mL
50 mM	0.0244 mL	0.122 mL	0.2439 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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