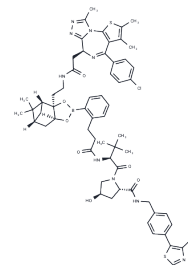


BRD4 degrader-6

Chemical Properties

CAS No. :	3055207-38-7
Formula:	C ₆₁ H ₇₁ BClN ₉ O ₇ S ₂
Molecular Weight:	1152.67
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	BRD4 degrader-6 is a dimeric BDR4PROTAC class degrader with a DC ₅₀ of less than 0.1 μM. It effectively induces the ubiquitination and degradation of BDR4, exhibiting anticancer properties.
Targets(IC ₅₀)	Epigenetic Reader Domain,PROTACs
In vitro	BRD4 degrader-6 (example 1) is effective in degrading BRD4 in BRD4 HiBiT cells, with a DC ₅₀ of less than 0.11 μM, following a pretreatment of 1.5 nM for 2 hours and an additional treatment for 24 hours. The compound relies on the reversibility of its bonds to dissociate into monomers both in vitro and in vivo, allowing cellular entry, subsequent reformation into dimers within the cells, and subsequent binding to the target protein, which leads to ubiquitin-proteasome degradation of the target protein.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8676 mL	4.3378 mL	8.6755 mL
5 mM	0.1735 mL	0.8676 mL	1.7351 mL
10 mM	0.0868 mL	0.4338 mL	0.8676 mL
50 mM	0.0174 mL	0.0868 mL	0.1735 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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