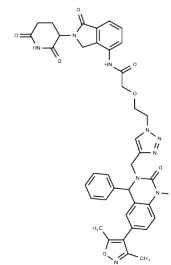


PROTAC BRD4 Degradar-2

Chemical Properties

CAS No. :	2185795-53-1
Formula:	C40H39N9O7
Molecular Weight:	757.79
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	PROTAC BRD4 Degradar-2 is an efficacious degrader of PROTAC BRD4(BRD4 BD1, IC50 of 14.2 nM).
Targets(IC50)	Epigenetic Reader Domain
In vitro	PROTAC BRD4 Degradar-2 inhibits the growth of THP-1 cell line (IC50 of 1.83±0.016 μM)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3196 mL	6.5981 mL	13.1963 mL
5 mM	0.2639 mL	1.3196 mL	2.6393 mL
10 mM	0.132 mL	0.6598 mL	1.3196 mL
50 mM	0.0264 mL	0.132 mL	0.2639 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.

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.

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