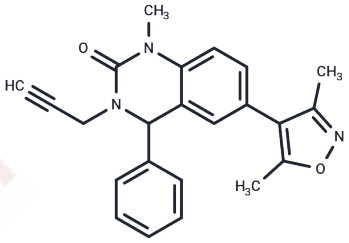
Data Sheet (Cat.No.T18599)

TargetMol

PROTAC BRD4-binding moiety 1

Chemical Properties



CAS No. : 2101200-10-4

Formula: C23H21N3O2

Molecular Weight: 371.43

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-binding moiety 1 is a BRD4 ligand that binds to the cereblon ligand via a linker, facilitating the formation of a PROTAC complex which efficiently degrades BRD4 [1].
Targets(IC50)	Others,Epigenetic Reader Domain,Ligands for Target Protein for PROTAC
In vitro	PROTAC BRD4 Degrader-2 is an effective PROTAC BRD4 degrader, exhibiting an IC50 of 14.2 nM against BRD4 BD1 [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6923 mL	13.4615 mL	26.923 mL
5 mM	0.5385 mL	2.6923 mL	5.3846 mL
10 mM	0.2692 mL	1.3461 mL	2.6923 mL
50 mM	0.0538 mL	0.2692 mL	0.5385 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.

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