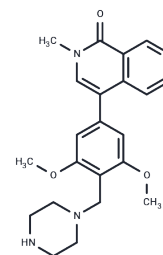


BRD7-IN-1 free base

Chemical Properties

CAS No. :	2305379-66-0
Formula:	C ₂₂ H ₂₆ N ₄ O ₃
Molecular Weight:	394.47
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	BRD7-IN-1 free base, a modified derivative of BI7273 (BRD7/9 inhibitor), interacts with a VHL ligand via a linker to form the PROTAC VZ185 (targeting BRD7/9 with DC50 values of 4.5 and 1.8 nM, respectively)[1].
Targets(IC50)	Others, Epigenetic Reader Domain, PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.535 mL	12.6752 mL	25.3505 mL
5 mM	0.507 mL	2.535 mL	5.0701 mL
10 mM	0.2535 mL	1.2675 mL	2.535 mL
50 mM	0.0507 mL	0.2535 mL	0.507 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

Zoppi V, et al. Iterative Design and Optimization of Initially Inactive Proteolysis Targeting Chimeras (PROTACs) Identify VZ185 as a Potent, Fast, and Selective von Hippel-Lindau (VHL) Based Dual Degradator Probe of BRD9 and BRD7. *J Med Chem.* 2019 Jan 24;62(2):699-726.

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