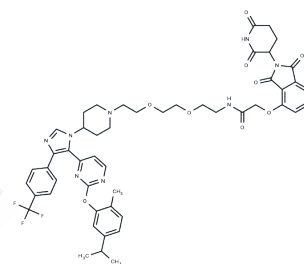


## dBRD4-BD1

## Chemical Properties

CAS No. :	2839318-19-1
Formula:	C50H53F3N8O9
Molecular Weight:	967
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	dBRD4-BD1 is a selective BRD4 bromodomain inhibitor. dBRD4-BD1 can selectively degrade BRD4 (DC50 = 280 nM). Notably, dBRD4-BD1 upregulates BRD2/3, a result not observed with degraders using pan-BET ligands. Designing BRD4 selectivity up front enables analysis of BRD4 biology without wider BET-inhibition and simplifies designing BRD4-selective heterobifunctional molecules, such as degraders with new E3 recruiting ligands or for additional probes beyond degraders.
Targets(IC50)	Others,Epigenetic Reader Domain,PROTACs

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0341 mL	5.1706 mL	10.3413 mL
5 mM	0.2068 mL	1.0341 mL	2.0683 mL
10 mM	0.1034 mL	0.5171 mL	1.0341 mL
50 mM	0.0207 mL	0.1034 mL	0.2068 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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