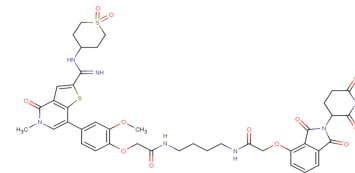


Data Sheet (Cat.No.T12560)

PROTAC BRD9 Degradar-1

Chemical Properties

CAS No.:	2097971-01-0
Formula:	C42H45N7O12S2
Molecular Weight:	903.98
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PROTAC BRD9 Degradar-1 is a lead PROTAC BRD9 chemical degrader with IC50 of 13.5 nM.
Targets(IC ₅₀)	BRD9: 13.5 nM BRD4: 3.78 μM CRBN-DDB1: 48.9 nM
In vitro	PROTAC BRD9 Degradar-1 inhibits BRD9, BRD4, and CRBN-DDB1 (IC50s = 13.5 nM, 3.78 μM, and 48.9 nM, respectively)[1].

Solubility Information

Solubility	DMSO: 150 mg/mL (165.93 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.106 mL	5.531 mL	11.062 mL
5 mM	0.221 mL	1.106 mL	2.212 mL
10 mM	0.111 mL	0.553 mL	1.106 mL
50 mM	0.022 mL	0.111 mL	0.221 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Remillard D, et al. Degradation of the BAF Complex Factor BRD9 by Heterobifunctional Ligands. *Angew Chem Int Ed Engl.* 2017 May 15;56(21):5738-5743.

Inhibitors · Natural Compounds · Compound Libraries

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