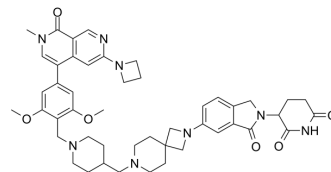


PROTAC BRD9 Degradar-6

Cat. No.:	HY-153632		
CAS No.:	2676211-62-2		
Molecular Formula:	C ₄₇ H ₅₆ N ₈ O ₆		
Molecular Weight:	829		
Target:	PROTACs; Epigenetic Reader Domain		
Pathway:	PROTAC; Epigenetics		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (120.63 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.2063 mL	6.0314 mL	12.0627 mL
5 mM	0.2413 mL	1.2063 mL	2.4125 mL
10 mM	0.1206 mL	0.6031 mL	1.2063 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (3.02 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (3.02 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

PROTAC BRD9 Degradar-6 is a potent degrader of BRD9 (IC₅₀=0.13 nM), can be used for research of BAF complex-related disorders^[1].

IC₅₀ & Target

IC₅₀: 0.13 nM (BRD9)

REFERENCES

- [1]. Ruppel Sabine K, et al. Preparation of substituted naphthyridines for treating BAF complex-related disorders. United States, US20210230190 A1. 2021-07-29.

Caution: Product has not been fully validated for medical applications. For research use only.

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