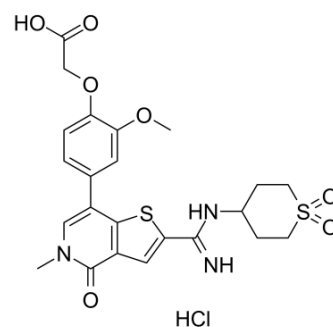


PROTAC BRD9-binding moiety 1 hydrochloride

Cat. No.:	HY-107445A		
Molecular Formula:	C ₂₃ H ₂₆ ClN ₃ O ₇ S ₂		
Molecular Weight:	556.05		
Target:	Ligand for Target Protein		
Pathway:	PROTAC		
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 : 20.83 mg/mL (37.46 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.7984 mL	8.9920 mL	17.9840 mL
	5 mM	0.3597 mL	1.7984 mL	3.5968 mL
	10 mM	0.1798 mL	0.8992 mL	1.7984 mL

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

In Vivo

- Add each solvent one by one: **10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline**
Solubility: ≥ 2.08 mg/mL (3.74 mM); Clear solution
- Add each solvent one by one: **10% DMSO >> 90% corn oil**
Solubility: ≥ 2.08 mg/mL (3.74 mM); Clear solution
- Add each solvent one by one: **10% DMSO >> 90% (20% SBE-β-CD in saline)**
Solubility: ≥ 2.08 mg/mL (3.74 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

PROTAC BRD9-binding moiety 1 hydrochloride is a compound that binds to **BRD9**, and used for inhibiting **BRD9** activity, based on **PROTAC**.

REFERENCES

- [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-

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

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