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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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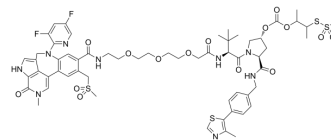
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PROTAC BRD4 Degradator-10

Cat. No.:	HY-138633
CAS No.:	2417370-49-9
Molecular Formula:	C ₅₉ H ₇₁ F ₂ N ₉ O ₁₅ S ₄
Molecular Weight:	1312.5
Target:	PROTACs; Epigenetic Reader Domain
Pathway:	PROTAC; Epigenetics
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 200 mg/mL (152.38 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		0.7619 mL	3.8095 mL	7.6190 mL
		5 mM		0.1524 mL	0.7619 mL	1.5238 mL
10 mM		0.0762 mL	0.3810 mL	0.7619 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 5 mg/mL (3.81 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	PROTAC BRD4 Degradator-10 (compound 8b) is a PROTAC connected by ligands for von Hippel-Lindau and BRD4. PROTAC BRD4 Degradator-10 can be conjugated with STEAP1 and CLL1 antibodies to degrade the BRD4 protein in PC3 prostate cancer cells, with a DC ₅₀ of 1.3 nM and 18 nM, respectively ^[1] .
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REFERENCES

[1]. Dragovich PS, et, al. Antibody-Mediated Delivery of Chimeric BRD4 Degradators. Part 2: Improvement of In Vitro Antiproliferation Activity and In Vivo Antitumor Efficacy. J Med Chem. 2021 Mar 11;64(5):2576-2607.

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

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