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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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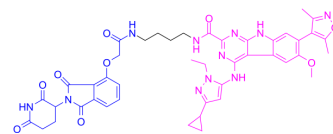
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PROTAC BET Degradar-1

Cat. No.:	HY-103633
CAS No.:	2093386-22-0
Molecular Formula:	C ₄₄ H ₄₅ N ₁₁ O ₉
Molecular Weight:	871.9
Target:	PROTACs; Epigenetic Reader Domain
Pathway:	PROTAC; Epigenetics
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 50 mg/mL (57.35 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.1469 mL	5.7346 mL	11.4692 mL
	5 mM		0.2294 mL	1.1469 mL	2.2938 mL
	10 mM		0.1147 mL	0.5735 mL	1.1469 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: ≥ 1.67 mg/mL (1.92 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 1.67 mg/mL (1.92 mM); Suspended solution

BIOLOGICAL ACTIVITY

Description	PROTAC BET Degradar-1 is a PROTAC connected by ligands for Cereblon and BET, decreasing BRD2, BRD3, and BRD4 protein levels at low concentration.
IC ₅₀ & Target	BET ^[1]
In Vitro	PROTAC BET Degradar-1 (Compound 9) is a potent BET degrader based on PROTAC, decreases the level of BRD2, BRD3, and BRD4 proteins in RS4;11 cells at 3-10 nM, and inhibits the growth of this cell line with an IC ₅₀ of 4.3 nM, and 45.5 nM for MOLM-13 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- ACS Pharmacol Transl Sci. 2021 Feb 26.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Zhou B, et al. Discovery of a Small-Molecule Degradar of Bromodomain and Extra-Terminal (BET) Proteins with Picomolar Cellular Potencies and Capable of Achieving Tumor Regression. J Med Chem. 2018 Jan 25;61(2):462-481.

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

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