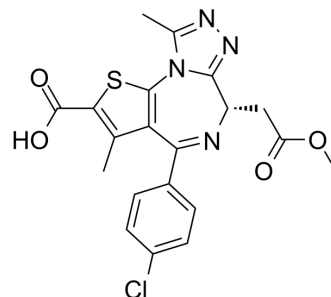


PROTAC BET-binding moiety 2

Cat. No.:	HY-43723		
CAS No.:	916493-82-8		
Molecular Formula:	C ₂₀ H ₁₇ ClN ₄ O ₄ S		
Molecular Weight:	444.89		
Target:	Ligands for Target Protein for PROTAC		
Pathway:	PROTAC		
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 : 42.86 mg/mL (96.34 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2477 mL	11.2387 mL	22.4775 mL
	5 mM	0.4495 mL	2.2477 mL	4.4955 mL
	10 mM	0.2248 mL	1.1239 mL	2.2477 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: ≥ 2.5 mg/mL (5.62 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (5.62 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (5.62 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

PROTAC BET-binding moiety 2 is an inhibitor of BET bromodomain^[1].

REFERENCES

[1]. James E. Bradner, et al. Bivalent bromodomain inhibitors and uses thereof. WO2017091673A2.

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

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