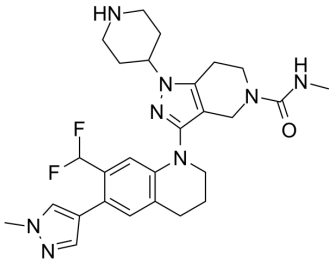
CBP/p300 ligand 2

Cat. No.:	HY-138539
CAS No.:	2484741-78-6
Molecular Formula:	$C_{27}H_{34}F_2N_8O$
Molecular Weight:	524.61
Target:	Ligands for Target Protein for PROTAC
Pathway:	PROTAC
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (381.24 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.9062 mL	9.5309 mL	19.0618 mL
	5 mM	0.3812 mL	1.9062 mL	3.8124 mL
	10 mM	0.1906 mL	0.9531 mL	1.9062 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 (9.53 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 5 mg/mL (9.53 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

CBP/p300 ligand 2 is a ligand for target protein for PROTAC of dCBP-1. dCBP-1 is a potent and selective heterobifunctional degrader of p300/CBP[1].

In Vitro

CBP/p300 ligand 2 (example 229) has no toxicity to LNCaP prostate cancer cells[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jing Liu, et al. Cyclic-amp response element binding protein (cbp) and/or adenoviral e1a binding protein of 300 kda (p300) degradation compounds and methods of

use. O2020173440A1.

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

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