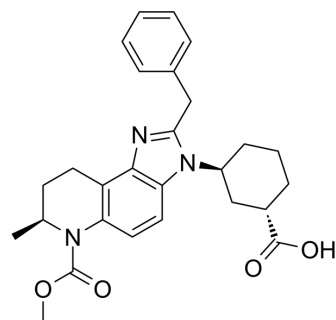


CBP/p300-IN-8

Cat. No.:	HY-136920		
CAS No.:	2304416-91-7		
Molecular Formula:	C ₂₇ H ₃₁ N ₃ O ₄		
Molecular Weight:	461.55		
Target:	Epigenetic Reader Domain		
Pathway:	Epigenetics		
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 : 200 mg/mL (433.32 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.1666 mL	10.8331 mL	21.6661 mL
		5 mM	0.4333 mL	2.1666 mL	4.3332 mL
10 mM		0.2167 mL	1.0833 mL	2.1666 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (10.83 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	CBP/p300-IN-8 is a potent inhibitor of the CBP/P300 family of bromodomains. CBP/p300-IN-8 inhibits CBP (IC ₅₀ =0.01-0.1 μM) and BRD4 (IC ₅₀ =1-1000 μM) activity ^[1] .	
IC ₅₀ & Target	CBP 0.01-0.1 μM (IC ₅₀)	BRD4 1-1000 μM (IC ₅₀)

CUSTOMER VALIDATION

- Patent. US20230255966A1.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Shawn E.R. Schiller, et al. Tetrahydro-imidazo quinoline compositions as cbp/p300 inhibitors. WO2019055877A1.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA