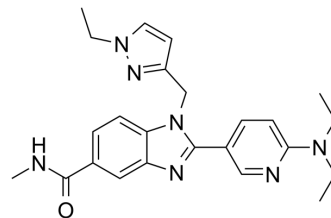


CBP/p300-IN-3

Cat. No.:	HY-128876		
CAS No.:	2299226-01-8		
Molecular Formula:	C ₂₄ H ₂₉ N ₇ O		
Molecular Weight:	431.53		
Target:	Histone Acetyltransferase		
Pathway:	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 : 250 mg/mL (579.33 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.3173 mL	11.5867 mL	23.1734 mL
	5 mM	0.4635 mL	2.3173 mL	4.6347 mL
	10 mM	0.2317 mL	1.1587 mL	2.3173 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: ≥ 2.08 mg/mL (4.82 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (4.82 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (4.82 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

CBP/p300-IN-3, a p300/CBP histone acetyltransferase inhibitor, Compound 6, is sourced from patent WO 2019049061 A1^[1].

REFERENCES

[1]. Medina, et al. 5-(1H-Benzo[d]imidazol-2-yl)pyridin-2-amine and 5-(3H-imidazo[4,5-b]pyridin-6-yl)pyridin-2-amine derivatives as c-MYC and p300/CBP histone

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

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