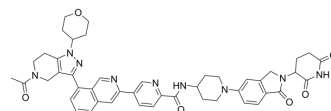


## JET-209

Cat. No.:	HY-154984		
Molecular Formula:	C <sub>46</sub> H <sub>47</sub> N <sub>9</sub> O <sub>6</sub>		
Molecular Weight:	821.92		
Target:	Histone Acetyltransferase; PROTACs		
Pathway:	Epigenetics; PROTAC		
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 : 100 mg/mL (121.67 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.2167 mL	6.0833 mL	12.1666 mL
		5 mM		0.2433 mL	1.2167 mL	2.4333 mL
	10 mM		0.1217 mL	0.6083 mL	1.2167 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: 2.5 mg/mL (3.04 mM); Clear solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (3.04 mM); Clear solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (3.04 mM); Clear solution; Need ultrasonic					

### BIOLOGICAL ACTIVITY

Description	JET-209 is a potent PROTAC CBP/p300 degrader, with DC <sub>50</sub> values of 0.05 nM and 0.2 nM for CBP and p300. JET-209 contains Lenalidomide (HY-A0003) (the cereblon ligand), a linker and GNE-207 (HY-120028) (bromodomain Inhibitor). JET-209 is used for cancer research <sup>[1]</sup> .
-------------	---

### REFERENCES

[1]. Thomas JE 2nd, et al. Discovery of Exceptionally Potent, Selective, and Efficacious PROTAC Degraders of CBP and p300 Proteins. J Med Chem. 2023 Jun 22;66(12):8178-

**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](mailto:tech@MedChemExpress.com)

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