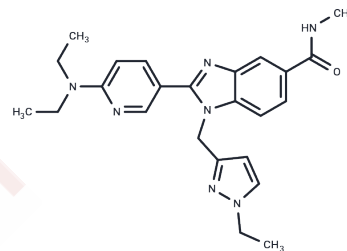


CBP/p300-IN-3

## Chemical Properties

CAS No. : 2299226-01-8  
 Formula: C<sub>24</sub>H<sub>29</sub>N<sub>7</sub>O  
 Molecular Weight: 431.53  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
*Actual storage temperature shall be subject to the COA.*



## Biological Description

Description	CBP/p300-IN-3 (P300/CBP-IN-3) is an inhibitor of p300/CBP histone acetyltransferase.
Targets(IC50)	Histone Acetyltransferase

## Solubility Information

Solubility	DMSO: 250 mg/mL (579.33 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 5 mg/mL (11.59 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0463 mL	0.2317 mL	0.4635 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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 acetyltransferase inhibitors for treating cancer and their preparation.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481