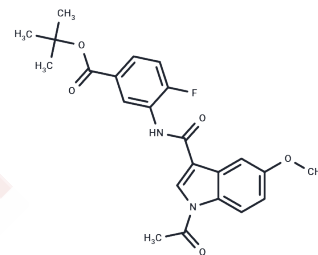


CBP/EP300-IN-1

Chemical Properties

CAS No. : 2443789-32-8
 Formula: C₂₃H₂₃FN₂O₅
 Molecular Weight: 426.44
 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/EP300-IN-1 is a CBP/EP300 bromodomain inhibitor.
Targets(IC50)	Epigenetic Reader Domain

Solubility Information

Solubility	DMSO: 62.5 mg/mL (146.56 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: 2 mg/mL (4.69 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	2.345 mL	11.725 mL	23.450 mL
5 mM	0.469 mL	2.345 mL	4.690 mL
10 mM	0.2345 mL	1.1725 mL	2.345 mL
50 mM	0.0469 mL	0.2345 mL	0.469 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

- Conery A R , Centore R C , Neiss A , et al. Correction: Bromodomain inhibition of the transcriptional coactivators CBP/EP300 as a therapeutic strategy to target the IRF4 network in multiple myeloma.[J]. eLife,5,(2016-01-04), 2016, 5.
- Xiang Q , Wang C , Zhang Y , et al. Discovery and optimization of 1-(1 H -indol-1-yl)ethanone derivatives as CBP/EP300 bromodomain inhibitors for the treatment of castration-resistant prostate cancer[J]. European Journal of Medicinal Chemistry, 2018:S0223523418301090.

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