

## CBP/p300 ligand 2

## Chemical Properties

CAS No. : 2484741-78-6

Formula: C<sub>27</sub>H<sub>34</sub>F<sub>2</sub>N<sub>8</sub>O

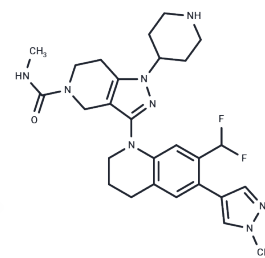
Molecular Weight: 524.61

Storage:

Keep away from moisture, Keep away from direct sunlight

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 ligand 2 is the target protein ligand for PROTAC dCBP-1, a potent and selective p300/CBP degrader.
Targets(IC50)	Ligands for Target Protein for PROTAC
In vitro	CBP/p300 ligand 2 was treated with LNCaP prostate cancer cells and was found to be non-toxic to these cells.[1]

## Solubility Information

Solubility	DMSO: 180 mg/mL (343.11 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 (9.53 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

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	1mg	5mg	10mg
1 mM	1.9062 mL	9.5309 mL	19.0618 mL
5 mM	0.3812 mL	1.9062 mL	3.8124 mL
10 mM	0.1906 mL	0.9531 mL	1.9062 mL
50 mM	0.0381 mL	0.1906 mL	0.3812 mL

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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

Jing Liu, et al. Cyclic-amp response element binding protein (cbp) and/or adenoviral e1a binding protein of 300 kda (p300) degradation compounds and methods of use. O2020173440A1.

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