

## EP300/CBP ligand 2

## Chemical Properties

CAS No. :

Formula: C<sub>20</sub>H<sub>18</sub>N<sub>6</sub>O

Molecular Weight: 358.4

Keep away from direct sunlight

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	EP300/CBP ligand 2 (compound S19) serves as a specific ligand for the bromodomain of CREB binding protein (CBP) and E1A-associated protein (EP300). It plays a critical role in PROTAC technology by acting as a target protein ligand. By linking to an E3 ubiquitin ligase ligand via the PROTAC Linker, it facilitates the synthesis of PROTAC molecules capable of targeted protein degradation. For instance, when EP300/CBP ligand 2 is connected to the conjugate (E3 ubiquitin enzyme ligand + Linker) Thalidomide-NH-C10-Boc, it results in the formation of the PROTAC molecule dCE-2.
Targets(IC50)	Epigenetic Reader Domain,Ligands for Target Protein for PROTAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7902 mL	13.9509 mL	27.9018 mL
5 mM	0.558 mL	2.7902 mL	5.5804 mL
10 mM	0.279 mL	1.3951 mL	2.7902 mL
50 mM	0.0558 mL	0.279 mL	0.558 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.

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