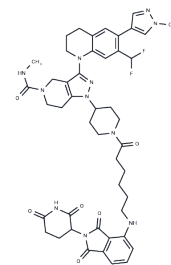


## PROTAC CBP/P300 Degrader-1

## Chemical Properties

CAS No. :	2484739-48-0
Formula:	C46H53F2N11O6
Molecular Weight:	893.998
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	PROTAC CBP/P300 Degrader-1 is an effective compound that potently degrades CBP/P300, significantly reducing cell viability in various cancer cell lines.
Targets(IC50)	Epigenetic Reader Domain, PROTACs
In vitro	PROTAC CBP/P300 Degrader-1 shows LNCaP prostate cancer cell viability inhibition (IC <sub>50</sub> = 0.4 nM). PROTAC CBP/P300 Degrader-1 (10 nM) induces degradation of P300 (≥ 80%) [1]. PROTAC CBP/P300 Degrader-1 potently inhibited cell viability of multiple cancer cell lines (IC <sub>50</sub> s ranging from 0.1-141.4 nM for HEL, NOMO-1, MOLM-13, HL-60, MEG-01, MM.1S, MM.1R, NCL-H929, RPM-8226, AMO-1, WSU-DLCL2, Karpas-422, Pfeiffer, SU-DHL-1, LNCaP clone FGC, VCap; 22RV1, NCI-H520, NCI-H703, LK-2, MCE-7, and SK-BR-3 cells) [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1186 mL	5.5928 mL	11.1857 mL
5 mM	0.2237 mL	1.1186 mL	2.2371 mL
10 mM	0.1119 mL	0.5593 mL	1.1186 mL
50 mM	0.0224 mL	0.1119 mL	0.2237 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

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. WO2020173440A1.

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