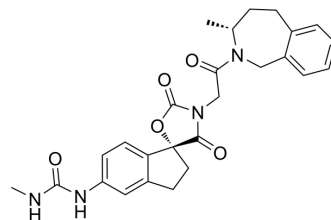


CBP/p300-IN-15

Cat. No.:	HY-143339
CAS No.:	2379409-91-1
Molecular Formula:	C ₂₆ H ₂₈ N ₄ O ₅
Molecular Weight:	476.52
Target:	Epigenetic Reader Domain; Histone Acetyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CBP/p300-IN-15 (compound 13a) is a potent p300/CBP inhibitor, with IC ₅₀ values of 2.50 and 28.0 nM, respectively. CBP/p300-IN-15 shows good activity against OVCAR-3 and A2780 cell line, with EC ₅₀ values of 0.865 and 2.71 μM, respectively. CBP/p300-IN-15 can be used for ovarian cancer research ^[1] .	
IC₅₀ & Target	CBP 28 nM (IC ₅₀)	p300 2.5 nM (IC ₅₀)

REFERENCES

[1]. Ding H, et al. Design, synthesis and biological evaluation of a novel spiro oxazolidinone as potent p300/CBP HAT inhibitor for the treatment of ovarian cancer. *Bioorg Med Chem*. 2021 Dec 15;52:116512.

Caution: Product has not been fully validated for medical applications. For research use only.

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