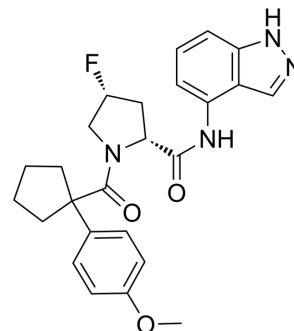


CBP/p300-IN-18

Cat. No.:	HY-143442
Molecular Formula:	C ₂₅ H ₂₇ FN ₄ O ₃
Molecular Weight:	450.51
Target:	Histone Acetyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CBP/p300-IN-18 (compound 8) is a potent EP300/CBP HAT inhibitor with IC ₅₀ s of 0.056, 0.46 μM for HAT EP300 and LK2 H3K27, respectively ^[1] .	
IC₅₀ & Target	EP300 .056 μM (IC ₅₀)	LK2 H3K27 0.46 μM (IC ₅₀)

REFERENCES

[1]. Kanada R, et al. Discovery of EP300/CBP histone acetyltransferase inhibitors through scaffold hopping of 1,4-oxazepane ring. *Bioorg Med Chem Lett.* 2022 Jun 15;66:128726.

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

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