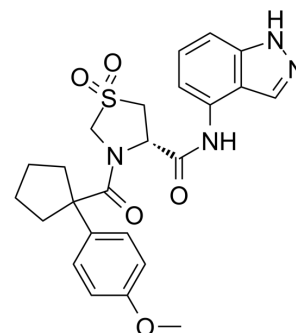


DS17701585

Cat. No.:	HY-143443
Molecular Formula:	C ₂₄ H ₂₆ N ₄ O ₅ S
Molecular Weight:	482.55
Target:	Histone Acetyltransferase; Histone Demethylase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DS17701585 (Compound 11) is a highly selective, orally active EP300 and CBP inhibitor with IC ₅₀ values of 0.040, 0.15, 0.45 and 0.70 μM against CBP, EP300, H3K27 and SOX2. DS17701585 can be used for cancer research ^[1] .			
IC₅₀ & Target	H3K27 0.45 μM (IC ₅₀)	SOX2 0.70 μM (IC ₅₀)	EP300 0.04 μM (IC ₅₀)	CBP 0.15 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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