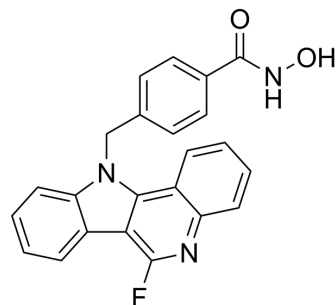


HDAC6-IN-28

Cat. No.:	HY-157323
Molecular Formula:	C ₂₃ H ₁₆ FN ₃ O ₂
Molecular Weight:	385.39
Target:	HDAC; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Epigenetics; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

HDAC6-IN-28 (compound 10C) is a potent inhibitor of HDAC6 with an IC₅₀ of 261 nM. HDAC6-IN-28 significantly induces apoptosis and S-phase arrest in B16-F10 cells. HDAC6-IN-28 efficiently increases the expression of acetylated- α -tubulin in vitro and in vivo^[1].

REFERENCES

[1]. Peng X, et al. Discovery of novel benzohydroxamate-based histone deacetylase 6 (HDAC6) inhibitors with the ability to potentiate anti-PD-L1 immunotherapy in melanoma. *J Enzyme Inhib Med Chem.* 2023 Dec;38(1):2201408.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA