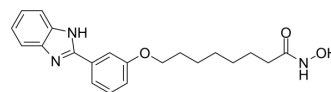


HDAC-IN-33

Cat. No.:	HY-145688
CAS No.:	2766688-19-9
Molecular Formula:	C ₂₁ H ₂₅ N ₃ O ₃
Molecular Weight:	367.44
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HDAC-IN-33 is a potent HDAC inhibitor with IC ₅₀ s of 24, 46, and 47 nM for HDAC1, HDAC2 and HDAC6, respectively. HDAC-IN-33 possesses potent antiproliferation activities against tumor cells. HDAC-IN-33 shows potent antitumor efficacy in vivo That trigger antitumor immunity ^[1] .
In Vitro	HDAC-IN-33 (Compound 9l) shows good in vivo antitumor efficacies in both HEL xenograft model and murine melanoma model. HDAC-IN-33 promotes the antigen presentation and activate T cells, thereby triggering antitumor immunity ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. "Chen C, et al. Discovery of DNA-Targeting HDAC Inhibitors with Potent Antitumor Efficacy In Vivo That Trigger Antitumor Immunity. J Med Chem. 2022 Feb 24;65(4):3667-3683. "

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

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