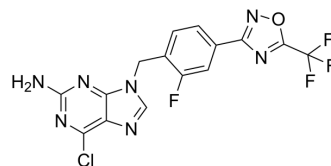


HDAC-IN-64

Cat. No.:	HY-156003
Molecular Formula:	C ₁₅ H ₈ ClF ₄ N ₇ O
Molecular Weight:	413.72
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-64 (Compound 13) is a HDAC inhibitor. HDAC-IN-64 inhibits HDAC4/5/6/7/9 with IC ₅₀ s of 24, 45, 85, 31, 37 nM. HDAC-IN-64 has anti-proliferative activity and anti-migration properties on prostate cancer (PCA) cells. HDAC-IN-64 inhibits LNCaP and RWPE-1 cell growth with GI ₅₀ of 0.32 and 1.1 μM respectively ^[1] .
IC ₅₀ & Target	24, 45, 85, 31, 37 nM (HDAC4/5/6/7/9) ^[1]

REFERENCES

[1]. Moi D, et al. Discovery of potent pyrrolo-pyrimidine and purine HDAC inhibitors for the treatment of advanced prostate cancer. Eur J Med Chem. 2023 Aug 16;260:115730.

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

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