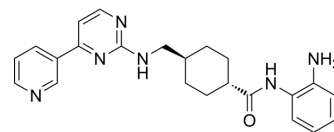


HDAC1-IN-6

Cat. No.:	HY-157481
Molecular Formula:	C ₂₃ H ₂₆ N ₆ O
Molecular Weight:	402.49
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	HDAC1-IN-6 (compound 1) is an inhibitor of HDAC1 and 11, with an IC ₅₀ of 1.9 μM and 1.6 μM, respectively. HDAC1-IN-6 induces differentiation in AML cells ^[1] .			
IC₅₀ & Target	HDAC11 1.6±0.3 μM (IC ₅₀)	HDAC1 1.9±0.3 μM (IC ₅₀)	HDAC2 >30 μM (IC ₅₀)	HDAC6 >30 μM (IC ₅₀)

REFERENCES

[1]. Purnima Kumar, et al. HDAC inhibitor derivatives induce differentiation of leukemic cells through two distinct and separable mechanisms.

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

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