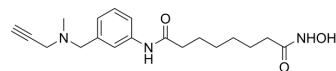


HDAC6-IN-3

Cat. No.:	HY-145259
Molecular Formula:	C ₁₉ H ₂₇ N ₃ O ₃
Molecular Weight:	345.44
Target:	HDAC; Histone Demethylase
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HDAC6-IN-3 (Compound 14), an antiproliferative cancer agent, is a potent, orally active HDAC6 inhibitor with IC ₅₀ s ranging from 0.02-1.54 μM for HDAC1/2/3/6/8/10. HDAC6-IN-3 is also an effective MAO-A (IC ₅₀ =0.79 μM) and LSD1 inhibitor ^[1] .
IC ₅₀ & Target	KDM1/LSD1

REFERENCES

[1]. Ojha R, et al. Installation of Pargyline, a LSD1 Inhibitor, in the HDAC Inhibitory Template Culminated in the Identification of a Tractable Antiproliferative Cancer Agent. *J Med Chem.* 2021;64(24):17824-17845.

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

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