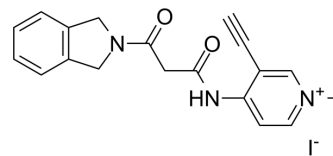


HDAC8-IN-6

Cat. No.:	HY-163143
Molecular Formula:	C ₁₉ H ₁₈ N ₃ O ₂
Molecular Weight:	447.27
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	HDAC8-IN-6 (compound 3) is a potent HDAC8 inhibitor with an IC ₅₀ of 5.1 μM. HDAC8-IN-6 shows cytotoxicity ^[1] .	
IC ₅₀ & Target	HDAC8 5.1 μM (IC ₅₀)	HDAC4 23.1 μM (IC ₅₀)

REFERENCES

[1]. Keeley AB, et al. Electrophilic MiniFragments Revealed Unprecedented Binding Sites for Covalent HDAC8 Inhibitors. J Med Chem. 2024 Jan 11;67(1):572-585.

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

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