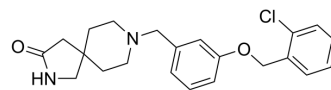


HDAC6-IN-35

Cat. No.:	HY-163369
CAS No.:	1394615-06-5
Molecular Formula:	C ₂₂ H ₂₅ ClN ₂ O ₂
Molecular Weight:	384.9
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	HDAC6-IN-35 (compound C4 (ZINC000077541942)) is a potent and BBB-penetrated HDAC6 inhibitor with the IC ₅₀ of 4.7 μM. HDAC6-IN-35 shows cell toxicity against MDA-MB-231 with EC ₅₀ of 40.6 μM ^[1] .
IC ₅₀ & Target	HDAC6 4.7 μM (IC ₅₀)

REFERENCES

[1]. Uba AI, et al. Discovery of novel inhibitors of histone deacetylase 6: Structure-based virtual screening, molecular dynamics simulation, enzyme inhibition and cell viability assays. Life Sci. 2024;338:122395.

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

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