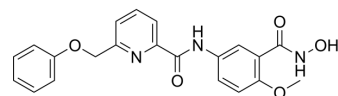


ZINC000028464438

Cat. No.:	HY-157889
CAS No.:	866123-66-2
Molecular Formula:	C ₂₁ H ₁₉ N ₃ O ₅
Molecular Weight:	393.39
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	ZINC000028464438 is a selective HDAC11 inhibitor with an IC ₅₀ of 3.5 μM. ZINC000028464438 shows almost no inhibition for other HDAC subtypes ^[1] .
IC ₅₀ & Target	HDAC11 3.5 μM (IC ₅₀)

REFERENCES

[1]. Fady Baseliou, et al. Comparative Structure-Based Virtual Screening Utilizing Optimized AlphaFold Model Identifies Selective HDAC11 Inhibitor. Int J Mol Sci. 2024 Jan 22;25(2):1358.

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

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