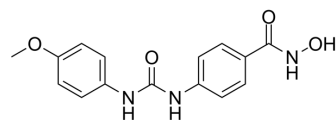


HDAC6-IN-27

Cat. No.:	HY-157314
CAS No.:	2758023-91-3
Molecular Formula:	C ₁₅ H ₁₅ N ₃ O ₄
Molecular Weight:	301.3
Target:	HDAC; Parasite
Pathway:	Cell Cycle/DNA Damage; Epigenetics; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HDAC6-IN-27 (compound 8C) is a HDAC inhibitor with IC ₅₀ values of 15.9 nM, 136.5 nM and 6180.2 nM for HDAC6, HDAC8 and HDAC1, respectively. HDAC6-IN-27 shows potent antiparasitic effects ^[1] .		
IC₅₀ & Target	HDAC6 15.9 nM (IC ₅₀)	HDAC8 136.5 nM (IC ₅₀)	HDAC6 6180.2 nM (IC ₅₀)

REFERENCES

[1]. Maurício T Tavares, et al. 1,3-Diphenylureido hydroxamate as a promising scaffold for generation of potent antimalarial histone deacetylase inhibitors. Sci Rep. 2023 Nov 29;13(1):21006.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA