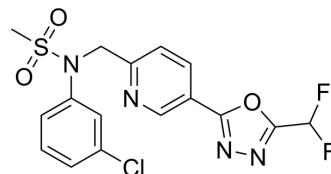


HDAC-IN-58

Cat. No.:	HY-149859
CAS No.:	2071224-39-8
Molecular Formula:	C ₁₆ H ₁₃ ClF ₂ N ₄ O ₃ S
Molecular Weight:	414.81
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	HDAC-IN-58 is a HDAC inhibitor. HDAC-IN-58 has HDAC6-specific inhibition activity with an IC ₅₀ value of 2.06 nM. HDAC-IN-58 can be used for the research of chronic diseases, including neurodegenerative and psychiatric conditions ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2.06 nM (HDAC6) ^[1]

REFERENCES

[1]. Motlová L, et al. Comprehensive Mechanistic View of the Hydrolysis of Oxadiazole-Based Inhibitors by Histone Deacetylase 6 (HDAC6). ACS Chem Biol. 2023 Jul 21;18(7):1594-1610.

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

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