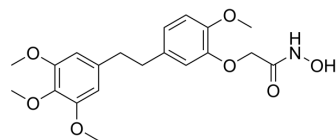


HDAC-IN-59

Cat. No.:	HY-149369
CAS No.:	2944459-43-0
Molecular Formula:	C ₂₀ H ₂₅ NO ₇
Molecular Weight:	391.42
Target:	HDAC; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Epigenetics; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

HDAC-IN-59 (compound 13a) is a potent histone deacetylase (HDAC) inhibitor. HDAC-IN-59 can promote the intracellular generation of ROS, cause DNA damage, block the cell cycle at G2/M phase, and activate the mitochondria-related apoptotic pathway to induce cell apoptosis^[1].

REFERENCES

[1]. Yang Y, et, al. Design, Synthesis, and Biological Evaluation of Histone Deacetylase Inhibitors Derived from Erianin and Its Derivatives. ChemMedChem. 2023 Jul 3;18(13):e202300108.

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