HDAC6-IN-17

Cat. No.: HY-149372

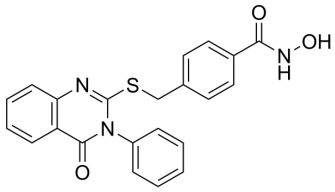
Molecular Formula: $C_{22}H_{17}N_3O_3S$

Molecular Weight: 403.45

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-17 (compound 5b) is a potent HDAC6 inhibitor with IC_{50} values of 150 nM, 1400 nM, and 2300 nM for HDAC6, HDAC8, and HDAC4, respectively. HDAC6-IN-17 has cytotoxic activity on human cancer cell lines. HDAC6-IN-17 can be used in research of cancer[1].		
IC_{50} & Target	HDAC6 150 nM (IC_{50})	HDAC8 1400 nM (IC_{50})	HDAC4 2300 nM (IC_{50})

REFERENCES

[1]. Khetmalis YM, et, al. Design, Synthesis, and Biological Evaluation of Novel Quinazolin-4(3H)-One-Based Histone Deacetylase 6 (HDAC6) Inhibitors for Anticancer Activity. Int J Mol Sci. 2023 Jul 3;24(13):11044.

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