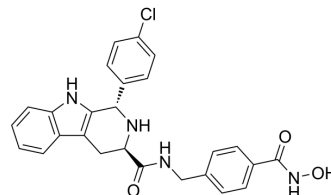


## HDAC6-IN-19

Cat. No.:	HY-149497
Molecular Formula:	C <sub>26</sub> H <sub>23</sub> ClN <sub>4</sub> O <sub>3</sub>
Molecular Weight:	474.94
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-19 (Compound 14g) is a HDAC6 inhibitor (IC <sub>50</sub> : 2.68 nM). HDAC6-IN-19 also inhibits HDAC1, HDAC2 and HDAC3 with IC <sub>50</sub> s of 61.6 nM, 98.7 nM and 103 nM. HDAC6-IN-19 potently inhibits multiple cancer cell proliferation, including leukemia, colon cancer, melanoma, and breast cancer cell lines <sup>[1]</sup> .
IC <sub>50</sub> & Target	2.68 nM, 61.6 nM, 98.7 nM and 103 nM (HDAC6, HDAC1, HDAC2 and HDAC3) <sup>[1]</sup>

### REFERENCES

[1]. Chen X, et al. Tetrahydro-β-carboline derivatives as potent histone deacetylase 6 inhibitors with broad-spectrum antiproliferative activity. Eur J Med Chem. 2023 Nov 15;260:115776.

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

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