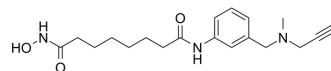


## HDAC6-IN-3

Cat. No.:	HY-145259
CAS No.:	3023019-99-7
Molecular Formula:	C <sub>19</sub> H <sub>27</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	345.44
Target:	HDAC; Histone Demethylase
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-3 (Compound 14), an antiproliferative cancer agent, is a potent, orally active HDAC6 inhibitor with IC <sub>50</sub> s ranging from 0.02-1.54 μM for HDAC1/2/3/6/8/10. HDAC6-IN-3 is also an effective MAO-A (IC <sub>50</sub> =0.79 μM) and LSD1 inhibitor <sup>[1]</sup> . HDAC6-IN-3 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
IC <sub>50</sub> & Target	KDM1/LSD1

### REFERENCES

[1]. Ojha R, et al. Installation of Pargyline, a LSD1 Inhibitor, in the HDAC Inhibitory Template Culminated in the Identification of a Tractable Antiproliferative Cancer Agent. *J Med Chem.* 2021;64(24):17824-17845.

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

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