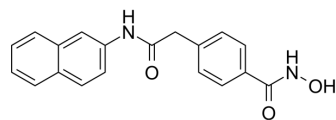


## HDAC6-IN-9

Cat. No.:	HY-147731
CAS No.:	2796282-58-9
Molecular Formula:	C <sub>19</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	320.34
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	HDAC6-IN-9 (compound 12c) is a potent and selective HDAC6 inhibitor with IC <sub>50</sub> values of 11.8, 15.2, 4.2, 139.6, 21.3 nM for HDAC1, HDAC3, HDAC6, HDAC8, HDAC10, respectively. HDAC6-IN-9 shows anti-proliferative activities <sup>[1]</sup> .			
<b>IC<sub>50</sub> &amp; Target</b>	HDAC1 11.8 nM (IC <sub>50</sub> )	HDAC3 15.2 nM (IC <sub>50</sub> )	HDAC6 4.2 nM (IC <sub>50</sub> )	HDAC8 139.6 nM (IC <sub>50</sub> )
	HDAC10 21.3 nM (IC <sub>50</sub> )			

### REFERENCES

[1]. Li X, et al. Design, Synthesis, and biological evaluation of HDAC6 inhibitors based on Cap modification strategy. Bioorg Chem. 2022 Aug;125:105874.

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

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