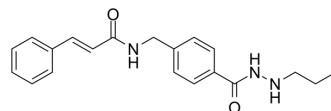


## HDAC3-IN-1

Cat. No.:	HY-117374
CAS No.:	2044701-99-5
Molecular Formula:	C <sub>20</sub> H <sub>23</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	337.42
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	HDAC3-IN-1 (compound 5) is a potent and selective HDAC3 inhibitor, with an IC <sub>50</sub> of 5.96 nM <sup>[1]</sup> .		
IC <sub>50</sub> & Target	HDAC3 5.96 ± 0.0 nM (IC <sub>50</sub> )	HDAC1 36.4 ± 0.2 nM (IC <sub>50</sub> )	HDAC2 89.9 ± 0.7 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Moreno-Yruela C, Olsen CA. Determination of Slow-Binding HDAC Inhibitor Potency and Subclass Selectivity. ACS Med Chem Lett. 2022 Mar 16;13(5):779-785.

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

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