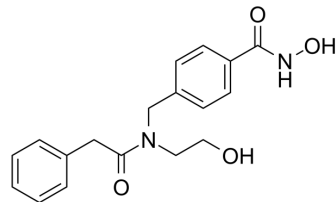


## HPB

Cat. No.:	HY-130493
CAS No.:	1800066-24-3
Molecular Formula:	C <sub>18</sub> H <sub>20</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	328.36
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	HPB (HDAC6 inhibitor HPB) is a selective HDAC6 inhibitor with an IC <sub>50</sub> of 31 nM. HPB exhibits >30-fold selectivity for HDAC6 over HDAC1 <sup>[1]</sup> .	
IC <sub>50</sub> & Target	HDAC6 31 nM (IC <sub>50</sub> )	HDAC1 1130 nM (IC <sub>50</sub> )

## REFERENCES

[1]. Nicholas J Porter, et al. Unusual zinc-binding mode of HDAC6-selective hydroxamate inhibitors. Proc Natl Acad Sci U S A. 2017 Dec 19;114(51):13459-13464.

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

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