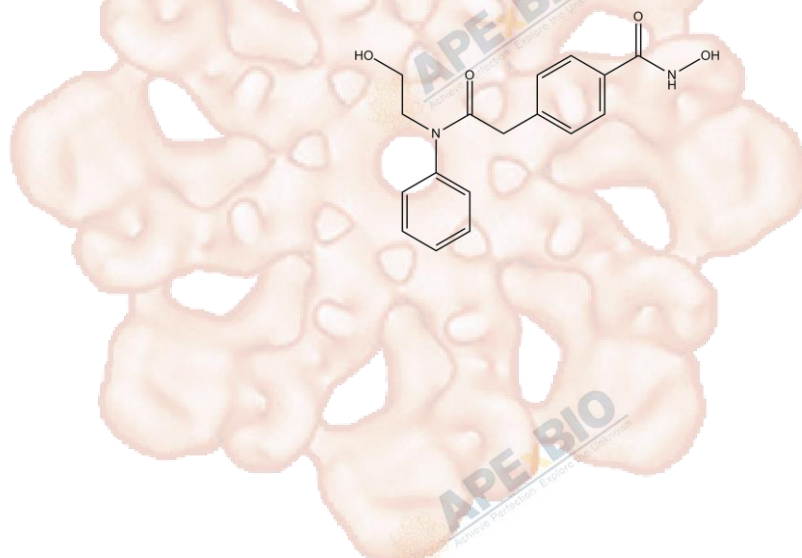


Product Data Sheet

HPOB

Cat. No.:	B4890
CAS No.:	1429651-50-2
Formula:	C17H18N2O4
M.Wt:	314.34
Synonyms:	
Target:	Chromatin/Epigenetics
Pathway:	HDAC
Storage:	Store at -20°C



Solvent & Solubility

≥31.4 mg/mL in DMSO; insoluble in H₂O; ≥11.4 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Mass			
	Solvent Concentration	1mg	5mg	10mg
	1 mM	3.1813 mL	15.9063 mL	31.8127 mL
	5 mM	0.6363 mL	3.1813 mL	6.3625 mL
	10 mM	0.3181 mL	1.5906 mL	3.1813 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

HDAC6 inhibitor, potent and selective

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1.Bagnall NH, Hines BM, et al."Insecticidal activities of histone deacetylase inhibitors against a dipteran parasite of sheep, *Lucilia cuprina*." Int J Parasitol Drugs Drug Resist. 2017Apr;7(1):51-60.PMID:28110187

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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