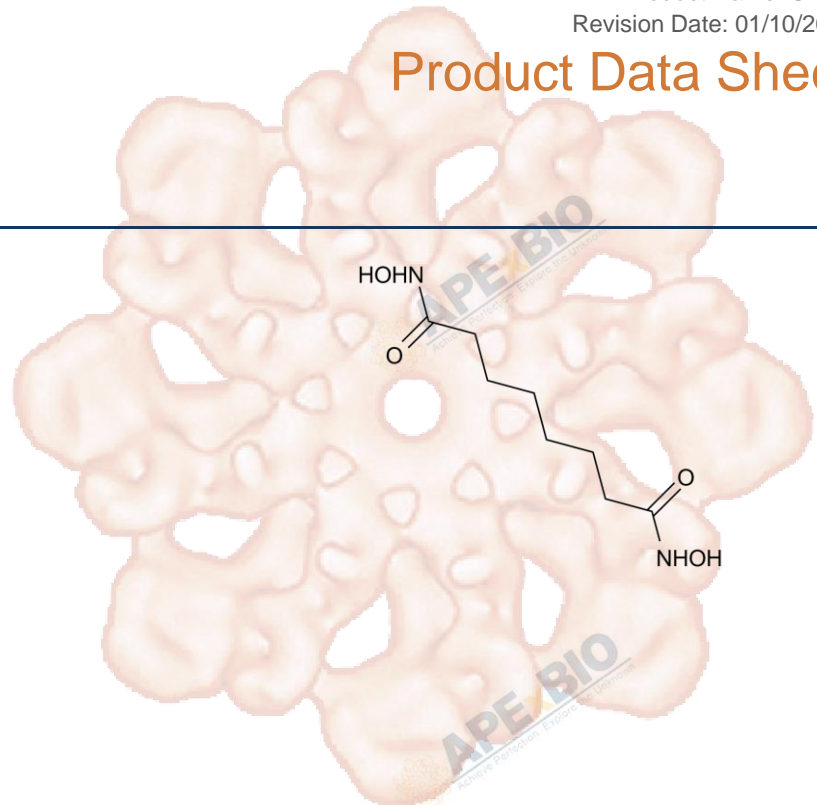


Product Data Sheet

SBHA

Cat. No.:	A4498
CAS No.:	38937-66-5
Formula:	C ₈ H ₁₆ N ₂ O ₄
M.Wt:	204.22
Synonyms:	Suberohydroxamic Acid
Target:	DNA Damage/DNA Repair
Pathway:	HDAC
Storage:	Store at 4°C



Solvent & Solubility

insoluble in EtOH; ≥ 9 mg/mL in H₂O with ultrasonic; ≥ 9.85 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	4.8967 mL	24.4834 mL	48.9668 mL
	5 mM	0.9793 mL	4.8967 mL	9.7934 mL
	10 mM	0.4897 mL	2.4483 mL	4.8967 mL

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

Biological Activity

Shortsummary HDAC1/HDAC3 inhibitor, cell-permeable

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. Shortterm 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.

APEX BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

