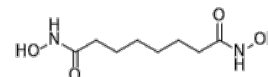


**Product Name** : SBHA  
**Cat. No.** : PC-28355  
**CAS No.** : 38937-66-5  
**Molecular Formula** : C<sub>8</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>  
**Molecular Weight** : 204.23  
**Target** : HDAC  
**Solubility** : 10 mM in DMSO



### Biological Activity

SBHA (Suberoyl bis-hydroxamic acid) is a competitive and cell-permeable HDAC1 and HDAC3 inhibitor with ID<sub>50</sub> values of 0.25 μM and 0.30 μM, respectively, renders MM cells susceptible to apoptosis and facilitates the mitochondrial apoptotic pathways, induces accumulation of hyperacetylated histone H4 in cultured cells.

### References

- Brinkmann H, et al. J Biol Chem. 2001 Jun 22;276(25):22491-9.  
Jiri Neuzil, et al. Biochem Biophys Res Commun. 2004 Jan 30;314(1):186-91.  
V M Richon, et al. Proc Natl Acad Sci U S A. 1998 Mar 17;95(6):3003-7.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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