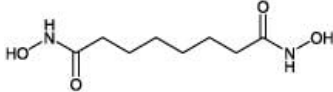


Product datasheet

Suberoyl bis-hydroxamic acid (SBHA), HDAC inhibitor ab144532

Overview

Product name	Suberoyl bis-hydroxamic acid (SBHA), HDAC inhibitor
Description	Potent, non-selective HDAC inhibitor
Biological description	Potent, non-selective HDAC inhibitor (ID ₅₀ values are 0.25 and 0.3 μM for HDAC1 and HDAC3 respectively). Potentiates the cytostatic effects of 5-Fluorouracil (ab142387). Induces apoptosis. Shows antiproliferative effects (IC ₅₀ = 15 μM, HeLa cells).
Purity	> 98%
CAS Number	38937-66-5
Chemical structure	

Properties

Chemical name	<i>N,N</i> -Dihydroxyoctanediamide
Molecular weight	204.23
Molecular formula	C ₈ H ₁₆ N ₂ O ₄
PubChem identifier	5173
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM and in DMSO to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C(CCCC(=O)NO)CCC(=O)NO
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours

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