

## SBHA

Cat. No. CEI-0503

Lot. No. (See product label)

### Introduction

**Description** SBHA is a competitive histone deacetylase (HDAC) inhibitor that has been shown to inhibit HDAC1 (IC<sub>50</sub> = 0.25 μM) and HDAC3 (IC<sub>50</sub> = 0.30 μM). SBHA causes cell differentiation, cell cycle arrest, or apoptosis. SBHA also enhances cytotoxicity induced by Oxaliplatin in the colorectal cancer cell lines.

**Synonyms** Suberohydroxamic acid; suberic bis-hydroxamic acid; N,N-dihydroxyoctanediamide

### Product Information

**Appearance** Light brown solid

**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** 328.41

**Purity** >98% by HPLC

**Targets** HDAC

**Solubility** DMSO (~100 mM) or EtOH (~ 20 mM) or 1 eq. HCl (50 mM)

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack