

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 (IC₅₀ = 0.25 μM) and HDAC3 (IC₅₀ = 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

C₈ H₁₆ N₂ O₄

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