

## CBHA

Cat. No. CEI-0511

Lot. No. (See product label)

### Introduction

**Description** A potent histone deacetylase (HDAC) inhibitor (ID<sub>50</sub> values of 0.01 and 0.07  $\mu$ M in vitro for HDAC1 and HDAC3, respectively). CBHA also induces apoptosis in nine different neuroblastoma cell lines in culture (0.5-4.0  $\mu$ M) and completely suppresses neuroblastoma tumor growth in SCID mice at 200 mg/ kg.

**Synonyms** m-Carboxycinnamic Acid bis-Hydroxamide

### Product Information

**Appearance** Liquid

**CAS No.** 174664-65-4

**Molecular Formula** C<sub>10</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub>

**Chemical Name** N-hydroxy-3-[3-(hydroxyamino)-3-oxo-1-propen-1-yl]-benzamide

**Molecular Weight** 475.6

**Purity** >98% by HPLC

**Targets** HDAC1, HDAC3

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack