

## HC Toxin

Cat. No. CEI-0999

Lot. No. (See product label)

### Introduction

#### Description

HC Toxin is a reversible, cell-permeable inhibitor of HDACs. It is a cyclic tetrapeptide first isolated from *C. carbonum*, a maize pathogen. It up-regulates the expression of 15-lipoxygenase-1 in colorectal cancer cells and has been shown to induce fetal hemoglobin in human primary erythroid cells.

### Product Information

**Appearance** A crystalline solid.

**CAS No.** 83209-65-8

**Molecular Formula** C<sub>22</sub>H<sub>34</sub>N<sub>4</sub>O<sub>6</sub>

**Molecular Weight** 450.5

**Purity** > 95%

**Targets** HDACs

**IC<sub>50</sub>** 30 nM

### Storage and Shipping Information

**Storage** Store at or below -20 centigrade for up to two years.