

## Trichostatin A

Cat. No. CEI-0497

Lot. No. (See product label)

### Introduction

#### Description

Potent, reversible inhibitor of histone deacetylase. Mediates the activation of O6-methylguanine-DNA methyltransferase (MGMT). May be involved in cell cycle progression of several cell types, induces cell growth arrest at both G1 and G2/M phases. In some cases induces apoptosis.

#### Synonyms

TSA

### Product Information

#### Appearance

Crystalline solid

#### CAS No.

58880-19-6

#### Molecular Formula

C<sub>17</sub>H<sub>22</sub>N<sub>2</sub>O<sub>3</sub>

#### Chemical Name

[R-(E,E)]-7-[4-(Dimethylamino)phenyl]-N-hydroxy-4,6-dimethyl-7-oxo-2,4-heptadienamide

#### Molecular Weight

609.79

#### Purity

>98%

#### Targets

HDAC

#### Solubility

DMSO (>100 mg/ml) or H<sub>2</sub>O (>100 mg/ml)

### Storage and Shipping Information

#### Storage

-20 centigrade

#### Shipping Conditions

Gel pack