



Datasheet for ABIN7233302

**Trichostatin A**[Go to Product page](#)

## 1 Image

## Overview

Quantity: 1 mg

Application: Inhibition (Inh)

## Product Details

Purpose: HDAC inhibitor

Characteristics: Potent and selective histone deacetylase (HDAC) inhibitor ( $K_i = 3.4 \text{ nM}$ ). Induces reversion of ras transformed cells to normal morphology. Induces dedifferentiation of primordial germ cells into embryonic germ cells. Cell permeable and active in vivo.

Purity: &gt;98 %

Chemical Name: (2E,4E,6R)-7-(4-(dimethylamino)phenyl)-N-hydroxy-4,6-dimethyl-7-oxo-2,4-heptadienamide

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

Permeability: Cell-permeable

Solubility: Soluble in DMSO (up to 15 mg/ml), or in Ethanol (up to 3 mg/ml).

## Target Details

Background: TSA, Apoptosis inducer, Epigenetics, Cell cycle, Protein deacetylase, Stem cells, Cell death, Cancer, Infectious disease, Posttranslational modification, Chromatin

Molecular Weight: 302.38

CAS-No: 58880-19-6

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Powder

Storage: -20 °C

## Images

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### Molecule

Image 1. /

