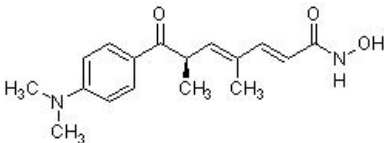


# Trichostatin A, histone deacetylase inhibitor ab120850

3 References 2 图像

## 概述

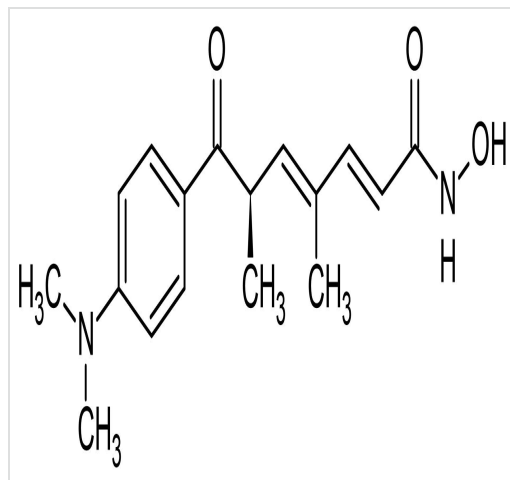
产品名称	Trichostatin A, histone deacetylase抑制剂
描述	Potent, selective histone deacetylase抑制剂
生物学描述	Potent, selective histone deacetylase (HDAC) inhibitor ( $K_i = 3.4$ nM). Induces cell proliferation, differentiation and apoptosis <i>in vitro</i> . Anticancer and antifungal agent. Active <i>in vivo</i> and <i>in vitro</i> .
纯度	> 98%
CAS编号	58880-19-6
化学结构	

## 性能

化学名称	(2 <i>E</i> ,4 <i>E</i> ,6 <i>R</i> )-7-[4-(Dimethylamino)phenyl]- <i>N</i> -hydroxy-4,6-dimethyl-7-oxo-2,4-heptadienamide
分子量	302.37
分子式	$C_{17}H_{22}N_2O_3$
PubChem识别号	444732
存放说明	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in ethanol to 10 mM and in DMSO to 50 mM
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>

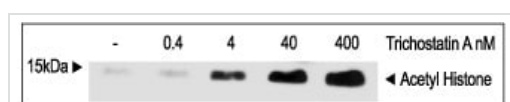
SMILES C[C@H](/C=C(\C)/C=C/C(=O)NO)C(=O)C1=CC=C(C=C1)N(C)C

## 图片



Chemical Structure - Trichostatin A, histone deacetylase inhibitor (ab120850)

2D chemical structure image of ab120850, Trichostatin A, histone deacetylase inhibitor



Functional Studies - Trichostatin A, histone deacetylase inhibitor (ab120850)

Trichostatin A inhibits histone deacetylases in NIH/3T3 cells. Cells from logarithmic were incubated overnight with different concentrations of Trichostatin A (ab120850). Cell proteins were resolved by SDS-PAGE and probed with anti-acetylated histone antibodies.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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