



Datasheet for ABIN7233303

Tubastatin A HCl[Go to Product page](#)

1 Image

Overview

Quantity: 5 mg

Application: Inhibition (Inh)

Product Details

Purpose: HDAC6 inhibitor

Characteristics: Potent and selective histone deacetylase 6 (HDAC6) inhibitor, IC₅₀=15 nM (>1000-fold selective against other HDACs and 60-fold for HDAC8). Inhibits TNF α (IC₅₀=272 nM) and IL-6 (IC₅₀=712 nM) in LPS-stimulated human macrophages and displays anti-inflammatory activity in animal models. Improves survival in animal models of sepsis. Improves cognition in Alzheimers disease transgenic mice. Cell permeable.

Purity: >98 %

Chemical Name: N-Hydroxy-4-[(2-methyl-3,4-dihydro-1H-pyrido[4,3-b]indol-5-yl)methyl]benzamide hydrochloride

Formula: C₂₀H₂₂N₃O₂ · HCl

Permeability: Cell-permeable

Solubility: Soluble in DMSO (up to 50 mg/ml).

Target Details

Background: Epigenetics,Protein
deacetylase,Neuroscience,Neurodegeneration,Inflammation,Posttranslational
modification,Chromatin

Molecular Weight: 371.86

Target Details

CAS-No: 1310693-92-5

Application Details

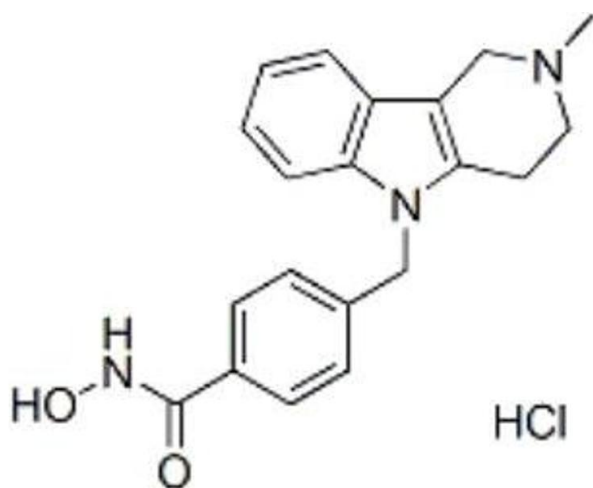
Restrictions: For Research Use only

Handling

Format: Powder

Storage: -20 °C

Images



Molecule

Image 1. /