

Datasheet for ABIN7233269

Mocetinostat



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1 Image

Overview

Quantity: 5 mg

Application: Inhibition (Inh)

Product Details

Purpose: Class I HDAC inhibitor

Characteristics: Class I, isoform-selective HDAC inhibitor, IC50s=0.15, 0.29, 1.66 and 0.59 μ M for HDAC1, 2, 3 and 11 respectively. Induces hyperacetylation of histones, induces expression of the tumor suppressor p21WAF1 and inhibits proliferation of human cancer cells. Displays antifibrotic effects in ischemic heart failure. Attenuates the development of hypersensitivity in models of neuropathic pain. Active in vivo.

Purity: >98 %

Chemical Name: N-(2-Aminophenyl)-4-[(4-pyridin-3-ylpyrimidin-2-ylamino)methyl]benzamide

Formula: C23H20N6O

Solubility: Soluble in DMSO (up to 25 mg/ml)

Target Details

Background: MGCD0103, Epigenetics, Posttranslational modification, Protein deacetylase, Neuroscience, Pain, Heart disease, Proliferation, Ischemia, Chromatin

Molecular Weight: 396.44

CAS-No: 726169-73-9

Application Details

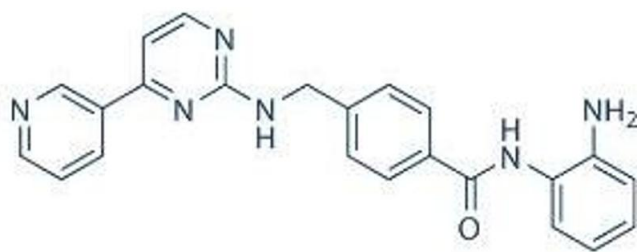
Restrictions: For Research Use only

Handling

Format: Powder

Storage: RT

Images



Molecule

Image 1. /