



Datasheet for ABIN7233291

Sirtinol[Go to Product page](#)

1 Image

Overview

Quantity: 5 mg

Application: Inhibition (Inh)

Product Details

Purpose: SIRT inhibitor

Characteristics: Inhibitor of sirtuin family enzymes including human SIRT1 (IC₅₀=60μM), human SIRT2 (IC₅₀=58μM), and yeast Sir2 (IC₅₀=48μM) with no inhibition of human HDAC1. Active in vivo and in purified enzyme studies. Cell permeable.

Purity: >98 %

Chemical Name: 2-[[[(2-Hydroxy-1-naphthalenyl)methylene]amino]-N-(1-phenylethyl)benzamide

Formula: C₂₆H₂₂N₂O₂

Permeability: Cell-permeable

Solubility: Soluble in DMSO (up to 30 mg/ml).

Target Details

Background: Epigenetics,Protein deacetylase,Stem cells,Posttranslational modification,Chromatin

Molecular Weight: 394.48

CAS-No: 410536-97-9

Application Details

Restrictions: For Research Use only

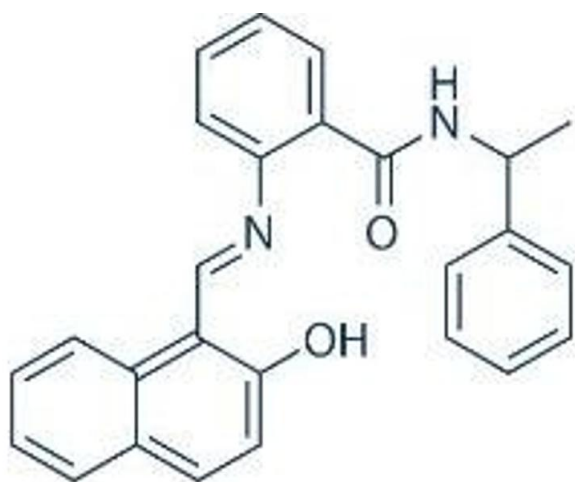
Handling

Format: Powder

Precaution of Use: GHS – Classification
Skin corrosion/irritation (Category 2), H315
Serious eye damage/eye irritation (Category 2A), H319
Specific target organ toxicity-single exposure (Category 3): Respiratory system, H335

Storage: -20 °C

Images



Molecule

Image 1. /