



Datasheet for ABIN7233285

## Salermide

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### 1 Image

#### Overview

Quantity: 5 mg

Application: Inhibition (Inh)

#### Product Details

Purpose: SIRT1&2 inhibitor

Characteristics: SIRT1 and SIRT2 inhibitor. Exhibits a stronger inhibitory effect on SIRT2 than on SIRT1 in vitro. Induces the reactivation of proapoptotic genes repressed by SIRT1 and causes massive apoptosis in cancer cells within 24 hours. Displays protective effect in nematodes expressing muscular dystrophy protein. Promotes neuronal apoptosis confirming the protective effect of SIRT1.

Purity: >98 %

Chemical Name: N-[3-[[[(2-Hydroxy-1-naphthalenyl)methylene]amino]phenyl]-α-methylbenzeneacetamide

Formula: C<sub>26</sub>H<sub>22</sub>N<sub>2</sub>O<sub>2</sub>

Solubility: Soluble in DMSO (up to 40 mg/ml), in DMF (up to 30 mg/ml) or in Ethanol (up to 10 mg/ml with warming)

#### Target Details

Background: Epigenetics, Posttranslational modification, Protein deacetylase, Neuroscience, Cell death, Apoptosis inducer, Chromatin

Molecular Weight: 394.47

CAS-No: 1105698-15-4

## Application Details

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Restrictions: For Research Use only

## Handling

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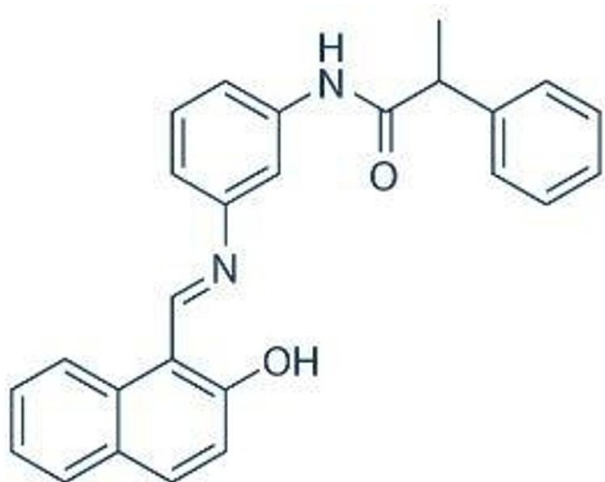
Format: Powder

Precaution of Use: GHS – Classification  
Not a hazardous substance

Storage: -20 °C

## Images

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### Molecule

Image 1. /