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Datasheet for ABIN7233287

## Scriptaid

### 1 Image

#### Overview

Quantity: 5 mg

Application: Inhibition (Inh)

#### Product Details

Purpose: HDAC inhibitor

Characteristics: Inhibits histone deacetylases (HDAC) 1 and 3 (IC<sub>50</sub>~0.6 μM) and HDAC8 (IC<sub>50</sub>~1 μM) and is less toxic compared to trichostatin A. Induces cell cycle arrest and epigenetic changes in colon cancer cells. Together with DRB-inhibition of RNA synthesis, scriptaid enhances gene reprogramming in somatic cell nuclear transfer (SCNT) embryos. Increases exercise endurance in mice.

Purity: >98 %

Chemical Name: 6-(1,3-Dioxo-1H,3H-benzo[de]isoquinolin-2-yl)-N-hydroxyhexanamide

Formula: C<sub>18</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>

Solubility: Soluble in DMSO (up to 4 mg/ml)

#### Target Details

Background: Scriptide, GCK1026,Proliferation,Epigenetics,Cell cycle,Protein deacetylase,Stem cells,Cancer,Posttranslational modification,Chromatin

Molecular Weight: 326.35

CAS-No: 287383-59-9

## Application Details

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Restrictions: For Research Use only

## Handling

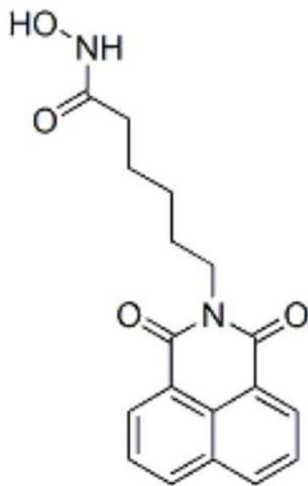
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Format: Powder

Storage: RT

## Images

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### Molecule

Image 1. /