

PRODUCT:**Scriptaid**

{6-(1,3-Dioxo-1*H*,3*H*-benzo[de] isoquinolin-2-yl)-*N*-hydroxyhexanamide}

CATALOG #:

1605-1

AMOUNT:

1 mg

LOT #:

MOLECULAR FORMULA:C₁₈H₁₈N₂O₄**MOLECULAR WEIGHT:**

326.4

CAS NUMBER:

287383-59-9

PURITY:

≥98% by HPLC

APPEARANCE:

White to off white powder

SOLUBILITY:

Soluble in DMSO (1 mg/ml) or methanol

STORAGE CONDITIONS:

+4C or -20°C. Protect from light.

DESCRIPTION:

A relatively non-toxic Inhibitor of histone deacetylase (HDAC). Facilitates transcriptional activation (TGF-β/Smad4) in both stable and transient receptor assays in a concentration-dependent manner. At ~2 μg/ml (6-8 μM) concentrations, results in a greater than 100-fold increase in histone acetylation in PANC-1 cells.

CAUTION:

May be harmful by inhalation, in contact with skin or if swallowed.

REFERENCES:

Su, G.H., et al. (2000) *Cancer Res.* 60:3137.

FOR RESEARCH USE ONLY! Not to be used in humans.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies