

## Certificate of Analysis

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**Product Name:** Scriptaid

**Catalog No.:** 2421

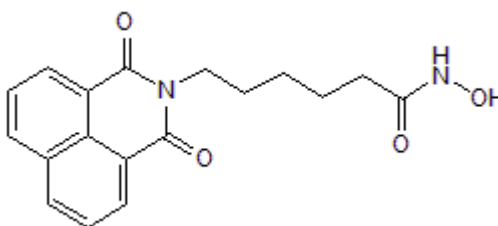
**Batch No.:** 1

CAS Number: 287383-59-9

IUPAC Name: *N*-Hydroxy-1,3-dioxo-1*H*-benz[de]isoquinoline-2(3*H*)-hexanamide

### 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** C<sub>18</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>  
**Batch Molecular Weight:** 326.35  
**Physical Appearance:** Off-white solid  
**Solubility:** DMSO to 100 mM  
**Storage:** Desiccate at -20°C  
**Batch Molecular Structure:**



### 2. ANALYTICAL DATA

**HPLC:** Shows >99.3% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	66.25	5.56	8.58
Found	66.28	5.59	8.63

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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**Description:**

Novel histone deacetylase inhibitor. Produces > 100-fold increase in histone acetylation and displays relatively low toxicity.

**Physical and Chemical Properties:**

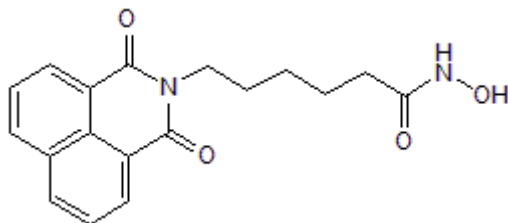
Batch Molecular Formula: C<sub>18</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>

Batch Molecular Weight: 326.35

Physical Appearance: Off-white solid

**Minimum Purity:** >99%

**Batch Molecular Structure:**



**Storage:** Desiccate at -20°C

CAUTION - This product is light sensitive and we recommend that the solid material and any solutions obtained are protected from exposure to light.

**Solubility & Usage Info:**

DMSO to 100 mM

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

**References:**

Su *et al* (2000) A novel histone deacetylase inhibitor identified by high-throughput transcriptional screening of a compound library. *Cancer Res.* **60** 3137. PMID: 10866300.

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**bio-techne.com**

info@bio-techne.com

techsupport@bio-techne.com

**North America**

Tel: (800) 343 7475

**China**

info.cn@bio-techne.com

Tel: +86 (21) 52380373

**Europe Middle East Africa**

Tel: +44 (0)1235 529449

**Rest of World**

www.tocris.com/distributors

Tel: +1 612 379 2956