

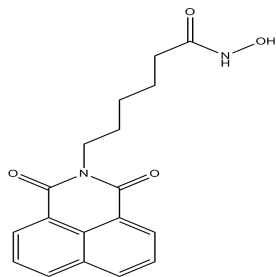
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ALTERNATE NAME: 6-(1,3-Dioxo-1*H*,3*H*-benzo[de] isoquinolin-2-yl)-*N*-hydroxyhexanamide

CATALOG #: 1605-1

AMOUNT: 1 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₁₈N₂O₄

MOLECULAR WEIGHT: 326.35

CAS NUMBER: 287383-59-9

PURITY: ≥98% by HPLC

APPEARANCE: White to off white powder

SOLUBILITY: DMSO (100 mM)

STORAGE CONDITIONS: -20°C. Protect from air and 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.

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

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

RELATED PRODUCTS:

Apicidin (**Cat. No. 1601-1**)
 CI-994 (**Cat. No. 1742-10, 50**)
 CUDC-101 (**Cat. No. 1966-5, 25**)
 Depudecin (**Cat. No. 2087-100**)
 DiscoveryPak™ HDAC Inhibitor Set (**Cat. No. K851-6**)
 M344 (**Cat. No. 1701-1**)
 MS-275 (Entinostat, MS-275) (**Cat. No. 1590-1,5**)
 Nexturastat A (**Cat. No. 2098-1**)
 Panobinostat (LBH589) (**Cat. No. 1612-1,5**)
 SAHA (**Cat. No. 1604-1**)
 Sodium 4-phenylbutyrate (**Cat. No. 1608-100,1000**)
 Sodium Butyrate (**Cat. No. 1609-1000**)
 Splitomycin (**Cat. No. 1610-5**)
 Trichostatin A (**Cat. No. 1606-1**)
 Tubacin (**Cat. No. 1984-250, 1000**)
 Tubastatin A (**Cat. No. 1724-1, 5**)
 Valproic Acid, Sodium Salt (**Cat. No. 1647-200**)

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