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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SAHA (Vorinostat)

Catalog #: 27006

Size: 100 mg

CAS Registry #: 149647-78-9

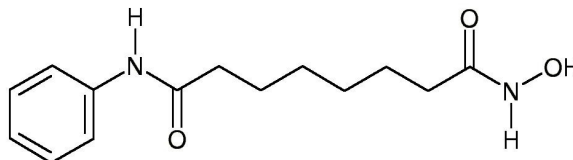
Purity: ≥ 95%

Chemical Formula: C₁₄H₂₀N₂O₃

Molecular Weight: 264.32

Lot #: 111118

Structure:



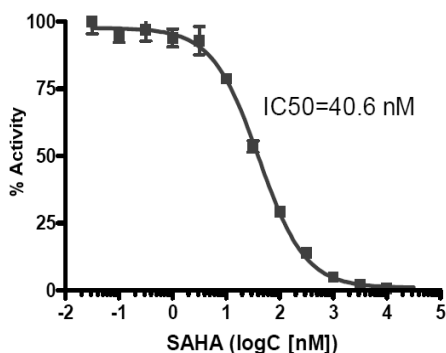
Description: Soruberoylanilide Hydroxamic Acid (SAHA), or Vorinostat, is a histone deacetylase inhibitor and causes growth arrest and death of some transformed cells both *in vitro* and *in vivo*, with little or no toxic effects on normal cells.

Appearance: White to off-white crystalline solid; granular or powder.

Solubility: Soluble in DMSO at 66 mg/mL; soluble in ethanol at 2 mg/mL with slight warming; very poorly soluble in water; maximum solubility in plain water is estimated to be about 20-50 µM; buffers, serum, or other additives may increase or decrease the aqueous solubility.

Biological Activity: SAHA inhibits HDAC1 with IC₅₀ of 40.6 nM using the BPS Bioscience Fluorogenic HDAC Assay Kit (Cat. # 50033).

HDAC 1



Storage/Stability: Store at or below -20°C.

Quality Control: The purity was determined by HPLC.

References:

1. Marks, P.A. *Oncogene* **26**: 1351 – 1356 (2007).
2. Cang, S., *et al.*, *J. Hematol. Oncol.* **2**: 22 (2009).
3. Zhang, C., *et al.*, *J. Invest. Dermatol.* **125**: 1045 – 1052 (2005).