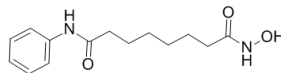


Product Name	: Vorinostat
Synonyms	: SAHA; Suberoylanilide hydroxamic acid; MK-0683
Cat No.	: M12074
CAS Number	: 149647-78-9
Molecular Formula	: C ₁₄ H ₂₀ N ₂ O ₃
Formula Weight	: 264.32
Chemical Name	: Octanediamide, N1-hydroxy-N8-phenyl-
Description	: A potent HDAC inhibitor, inhibits the activities of HDAC1 and HDAC3 with IC ₅₀ of 10 nM and 20 nM, respectively; inhibits cell growth, induce terminal differentiation and prevent the formation of tumours in mice models. Blood Cancer Approved
Pathway	: Cell Cycle/DNA Damage
Target	: HDAC
Receptor	: HDAC; HDAC1; HDAC2; HDAC3; HDAC6; HDAC8
Solubility	: DMSO: ≥ 100 mg/mL
SMILES	: <chem>O=C(NO)CCCCCCC(NC1=CC=CC=C1)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Richon VM, et al. Proc Natl Acad Sci U S A. 1998 Mar 17;95(6):3003-7. | 2. Finnin MS, et al. Nature. 1999 Sep 9;401(6749):188-93. | 3. Vrana JA, et al. Oncogene. 1999 Nov 25;18(50):7016-25. | 4. Richon VM, et al. Proc Natl Acad Sci U S A. 2000 Aug 29;97(18):10014-9.