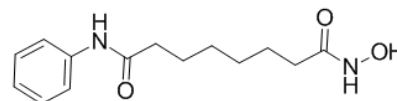


Product Name : Vorinostat
Cat. No. : PC-42465
CAS No. : 149647-78-9
Molecular Formula : C₁₄H₂₀N₂O₃
Molecular Weight : 264.3202
Target : HDAC
Solubility : DMSO: ≥ 100 mg/mL



Biological Activity

Vorinostat (SAHA) is a potent HDAC inhibitor, inhibits the activities of **HDAC1** and **HDAC3** with IC₅₀ of 10 nM and 20 nM, respectively.

Vorinostat (SAHA) inhibits cell growth, induces terminal differentiation and prevents the formation of tumours in mice models.

References

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Finnin MS, et al. *Nature*. 1999 Sep 9;401(6749):188-93.

Vrana JA, et al. *Oncogene*. 1999 Nov 25;18(50):7016-25.

Richon VM, et al. *Proc Natl Acad Sci U S A*. 2000 Aug 29;97(18):10014-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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