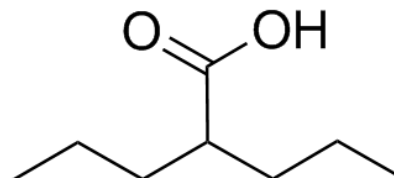


Product Name : Valproic acid
Cat. No. : PC-42670
CAS No. : 99-66-1
Molecular Formula : C₈H₁₆O₂
Molecular Weight : 144.2114
Target : HDAC
Solubility : 10 mM in H₂O



Biological Activity

Valproic acid is a **HDAC** inhibitor that selectively inhibits the catalytic activity of class I HDACs, and induces proteasomal degradation of HDAC2.

Valproic acid induces differentiation of carcinoma cells, transformed hematopoietic progenitor cells and leukemic blasts from AML patients.

Valproic acid reduces tumor growth and metastasis formation in animal model.

References

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Göttlicher M, et al. *EMBO J.* 2001 Dec 17;20(24):6969-78.

Phiel CJ, et al. *J Biol Chem.* 2001 Sep 28;276(39):36734-41.

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

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