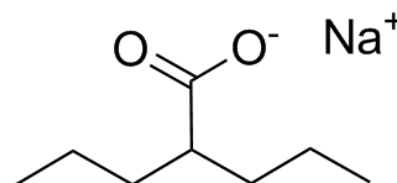


Product Name : Valproic acid sodium salt
Cat. No. : PC-42671
CAS No. : 1069-66-5
Molecular Formula : C₈H₁₅NaO₂
Molecular Weight : 166.1933
Target : HDAC
Solubility : H₂O: ≥ 48 mg/mL



Biological Activity

Valproic acid sodium salt 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

Krämer OH, et al. *EMBO J.* 2003 Jul 1;22(13):3411-20.

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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