

Product Name : Valproic acid
Synonyms : VPA; 2-Propylpentanoic Acid

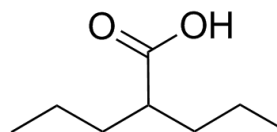
Cat No. : M16914

CAS Number : 99-66-1

Molecular Formula : C₈H₁₆O₂

Formula Weight : 144.21

Chemical Name : Pentanoic acid, 2-propyl-



Description : A HDAC inhibitor that selectively inhibits the catalytic activity of class I HDACs, and induces proteasomal degradation of HDAC2; induces differentiation of carcinoma cells, transformed hematopoietic progenitor cells and leukemic blasts from AML patients; reduces tumor growth and metastasis formation in animal model. Migraine Approved

Pathway : Cell Cycle/DNA Damage

Target : HDAC

Receptor : GABA; Sodium Channel; HDACs

Solubility : 10 mM in H₂O

SMILES : CCCC(CCC)C(=O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Krmer OH, et al. EMBO J. 2003 Jul 1;22(13):3411-20. | 2. Gttlicher M, et al. EMBO J. 2001 Dec 17;20(24):6969-78. | 3. Phiel CJ, et al. J Biol Chem. 2001 Sep 28;276(39):36734-41.