

Product Name : Valproic acid sodium salt

Synonyms : Sodium Valproate

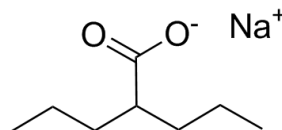
Cat No. : M10288

CAS Number : 1069-66-5

Molecular Formula : C₈H₁₅NaO₂

Formula Weight : 166.19

Chemical Name : Pentanoic acid, 2-propyl-, sodium salt (1:1)



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 : GABAR; HDAC2; HDAC9

Solubility : H₂O: ≥ 48 mg/mL

SMILES : CCCC(CCC)C([O-])=O.[Na+]

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.