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Datasheet for ABIN7233292

Sodium valproate

1 Image

Overview

Quantity: 5 g

Application: Inhibition (Inh)

Product Details

Purpose: HDAC inhibitor

Characteristics: Histone deacetylase inhibitor (IC50 = 400 μ M). Demonstrates neuroprotective, anticancer, and anti-inflammatory activity. Inhibits A β production, reduced neuritic plaque formation, and improved memory deficits in Alzheimer's mouse models. Improves stem cell reprogramming efficiency and enables efficient induction of pluripotency without introduction of the oncogene c-Myc. Clinically useful anticonvulsant

Purity: >98 %

Chemical Name: 2-Propylpentanoic acid Na

Formula: C8H15O2 Na

Solubility: Soluble in Water (up to 50 mg/ml).

Target Details

Background: Valproic acid,Epigenetics,Autophagy,Protein deacetylase,Cell death,Stem cells,Neuroscience,Neurodegeneration,Posttranslational modification,Chromatin

Molecular Weight: 166.20

CAS-No: 1069-66-5

Application Details

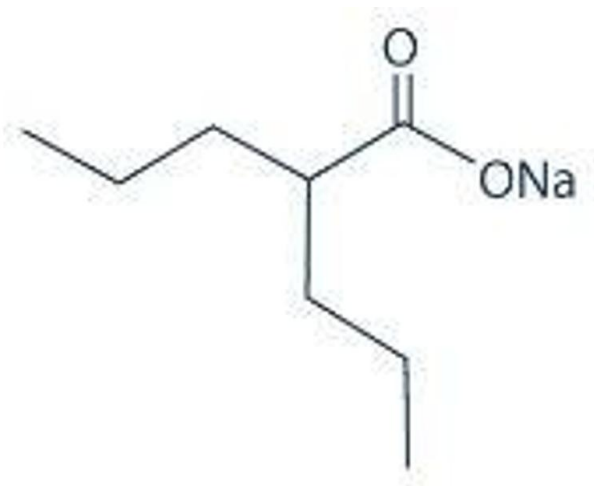
Restrictions: For Research Use only

Handling

Format: Powder

Storage: -20 °C

Images



Molecule

Image 1. /