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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Sodium Valproate

HDAC inhibitor
Catalog No. SIH-357



Discovery through partnership | Excellence through quality

Overview

Product Name

Sodium Valproate

Description

HDAC inhibitor

Purity

>98% (TLC); NMR (Conforms)

CAS No.

1069-66-5

Molecular Formula

C₁₁H₁₆NaO₂

Molecular Weight

166.2

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in 50 mg/ml Water

Source

Synthetic

Appearance

White Solid

SMILES

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

InChI

InChI=1S/C8H16O2.Na/c1-3-5-7(6-4-2)8(9)10;/h7H,3-6H2,1-2H3,(H,9,10);/q;+1/p-1

InChIKey

AEQFSUDEHCCHBT-UHFFFAOYSA-M

Safety Phrases

Classification: Caution- Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

S24/25- Avoid contact with skin and eyes

Cite This Product

Sodium Valproate (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-357)

Biological Description

Alternative Names

2-Propylpentanoic acid Na

Research Areas

Cancer, Cell Signaling, Epigenetics

PubChem ID

16760703

Scientific Background

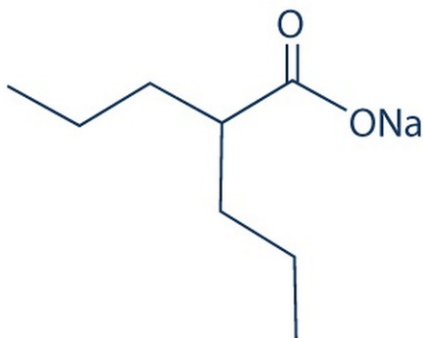
Histone deacetylase inhibitor (IC₅₀=400 μM). Demonstrates neuroprotective, anticancer and anti-inflammatory activity. Inhibits A β production and neuritic plaque formation in Alzheimers mouse models. Clinically useful anticonvulsant.

References

1. Phiel C.J., et al. (2001) J. Biol. Chem. 276: 36734.
 2. Kim H.J., et al. (2007) J. Pharmacol. Exp. Ther. 321: 892.
 3. Qing H., et al. (2008) J. Exp. Med. 205: 2781.
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Product Images

Chemical structure of Sodium Valproate (SIH-357), a HDAC inhibitor. CAS #: 1069-66-5. Molecular Formula: C₈H₁₅NaO₂. Molecular Weight: 166.2 g/mol.

**Product Citations (0)**

Currently there are no citations for this product.

Reviews

There are no reviews yet.