

Valproic Acid, sodium salt

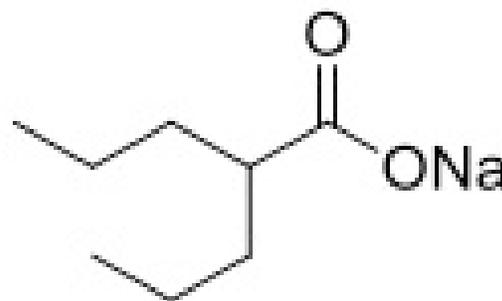
Catalog No: 14021**Format:** 5 g**Chemical Properties:**

MW = 166.2

C₈H₁₅O₂Na

CAS 1069-66-5

Physical Properties: White powder

Names: Valproic acid, sodium salt, Sodium valproate, 2-Propylpentanoic acid Na**Pharmacology:** Histone deacetylase inhibitor (IC₅₀ = 400 μM). Demonstrates neuroprotective, anti-cancer and anti-inflammatory activity. Inhibits Aβ production and neuritic plaque formation in Alzheimer's mouse models. Clinically useful anti-convulsant.**Solubilization:** May be dissolved in water (50 mg/ml)**Fluorescent Properties:** N/A**Quality Control:**

>98% (TLC); NMR (Conforms)

References:

1. CJ Phiel *et al. J. Biol. Chem.* 2001 276:36734
2. HJ Kim *et al. J. Pharmacol. Exp. Ther.* 2007, 321:892
3. H Qing *et al. J. Exp. Med.* 2008, 205:2781

Storage and Guarantee: Store desiccated as supplied at 4°C for up to 2 years. Store solutions at -20°C for up to 3 months. This product is guaranteed for 6 months from date of arrival.