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:**  

**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.