

## Valproic Acid, Sodium Salt

Cat. No. CEI-0500

Lot. No. (See product label)

### Introduction

**Description** A cell-permeable histone deacetylase 1 (HDAC1) inhibitor ( $IC_{50} = 400 \mu M$ ) that exhibits anticancer, anti-inflammatory and neuroprotective properties. Recently it has been reported that Valproic acid enables reprogramming of primary human fibroblasts with only two factors, Oct4 and Sox2, without the need for the oncogenes c-Myc or Klf4.

**Synonyms** Valproic acid sodium, Sodium Valproate, VPA

### Product Information

**Appearance** Dark blue powder

**CAS No.** 1069-66-5

**Molecular Formula**  $C_8H_{15}O_2.Na$

**Molecular Weight** 840.11

**Purity** ~60% (dye content)

**Targets** HDAC

**Solubility**  $H_2O$

### Storage and Shipping Information

**Storage** RT

**Shipping Conditions** RT