

Anacardic Acid

ALTERNATE NAME: 2-Hydroxy-6-pentadecylbenzoic acid, 6-Pentadecylsalicylic acid; AA

CATALOG #: 1849-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₃₆O₃

MOLECULAR WEIGHT: 348.52

CAS NUMBER: 16611-84-0

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO or EtOH

PURITY: ≥95% by ¹H NMR

STORAGE: Store at -20 °C

DESCRIPTION: Cell-permeable. A potent, non-competitive inhibitor of p300 and PCAF (p300/CBP-associated factor) histone acetyltransferase (HAT) activities (IC₅₀~8.5 μM and ~5 μM, respectively). Inhibits SUMOylation of RanGAP1-C2 with an IC₅₀ = 2.2 μM

REFERENCE: Sun, Y., *et al.* (2006). *FEBS Lett.* **580**, 4353-4356.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Apicidin (**Cat. No. 1601-1**)
- CI-994 (**Cat. No. 1742-10, 50**)
- Curcumin, High Purity (**Cat. No. 1850-10, 50**)
- DiscoveryPak™ HDAC Inhibitor Set (**Cat. No. K851-6**)
- HDAC Colorimetric Assay Kit (**Cat. No. K331-100**)
- HDAC Fluorometric Assay Kit (**Cat. No. K330-100**)
- HAT Activity Colorimetric Assay Kit (**Cat. No. K332-100**)
- M344 (**Cat. No. 1607-1**)
- MS-375 (Entinostat) (**Cat. No. 1590-1,5**)
- Panobinostat(LBH589) (**Cat. No. 1612-1,5**)
- Sodium 4-Phenylbutyrate (**Cat. No. 1608-100,1000**)
- Sodium Butyrate (**Cat. No. 1609-1000**)
- Splitomycin (**Cat. No. 1610-5**)
- Trichostatin A (**Cat. No. 1606-1**)
- Tubastatin A (**Cat. No. 1724-1, 5**)
- Valproic Acid, Sodium Salt (**Cat. No. 1647-200**)