Anacardic acid

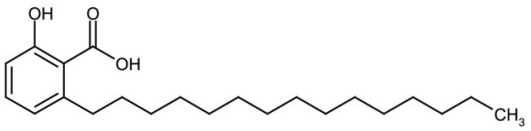
Cell permeable salicylic acid analog that acts as a potent, non-competitive inhibitor of p300 and PCAF (p300/CBP-associated factor) histone acetyltransferase (HAT) activities (IC_{50}~8.5μM and ~5μM, respectively). Displays a variety of other biological activities, such as antibacterial, antimicrobial, prostaglandin synthase inhibition, tyrosinase, and lipoxygenase inhibition.Inhibits SUMOylation of RanGAP1-C2 with an IC_{50} = 2.2μM

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ALX-270-381-M005	5mg
ALX-270-381-M025	25mg

Manuals, SDS & CofA View Online »


OH
O
OH
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stock solutions are stable for up to 3 months when stored at -20°C.
Handling	Protect from light. Packaged under inert gas. After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-Hydroxy-6-pentadecylbenzoic acid, 6-Pentadecylsalicylic acid, AA
Appearance	White to off-white solid.
CAS	16611-84-0
Couple Target	HAT, Lipoxygenase, Tyrosinase
Couple Type	Inhibitor
Formula	$C_{22}H_{36}O_3$
MI	**14:** 621
MW	348.5
Purity	≥95% (HPLC)
Solubility	Soluble in 100% ethanol, methanol, DMSO, dichloromethane or ethylacetate.
Source	Synthetic.

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