



Datasheet for ABIN7233254

## Garcinol



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### 1 Image

#### Overview

Quantity: 10 mg

Application: Inhibition (Inh)

#### Product Details

Purpose: HAT inhibitor

Characteristics: Garcinol is a HAT (histone acetyltransferase) inhibitor (p300 IC<sub>50</sub>=7μM and PCAF IC<sub>50</sub>=5μM) both in vitro and in vivo. It potentiates TRAIL-induced apoptosis of cancer cells. Garcinol, independent of the cell type, induces both of the TRAIL receptors, death receptor 4 (DR4) and DR5. Garcinol neither induces the receptors of normal cells nor sensitizes them to TRAIL.

Purity: >98 %

Formula: C38H50O6

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml).

#### Target Details

Background: Epigenetics, Posttranslational modification, Acetyltransferase, Cell death, Stem cells, Apoptosis inducer, Chromatin

Molecular Weight: 602.80

CAS-No: 78824-30-3

#### Application Details

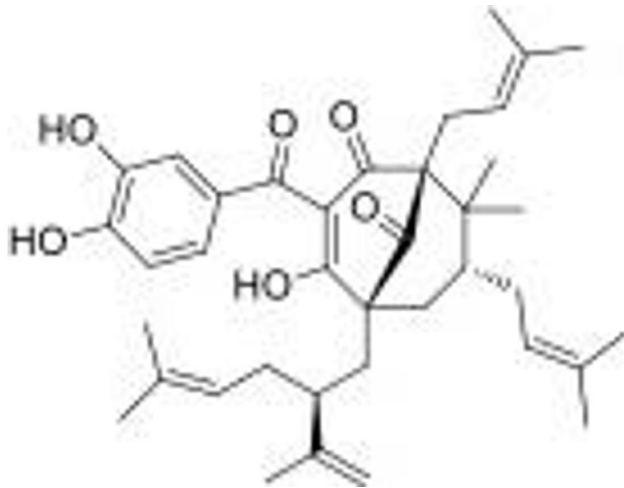
Restrictions: For Research Use only

## Handling

Format: Powder

Storage: -20 °C

## Images



### Molecule

Image 1. /