

Garcinol

Catalog No: 14076, 14077

Format: 50 mg, 10 mg

Chemical Properties:

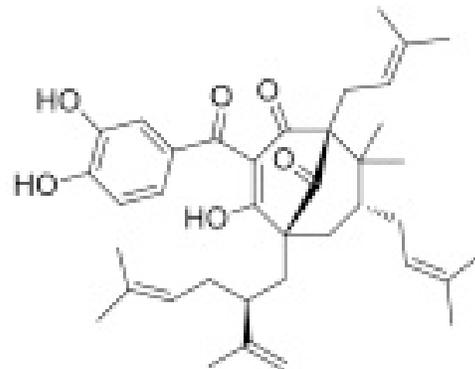
MW = 602.8

$C_{38}H_{50}O_6$

CAS 78824-30-3

Physical Properties: Yellow solid

Names: Garcinol



Pharmacology: Potent inhibitor of histone acetyltransferases p300 ($IC_{50} = 7$ M) and pCAF ($IC_{50} = 5$ M)(ref 1). Induces apoptosis in various cell lines (ref 2). Promotes expansion of human hematopoietic stem cells (ref 3). Cell permeable.

Solubilization: May be dissolved in DMSO (25 mg/ml); Ethanol (25 mg/ml)

Fluorescent Properties: N/A

Quality Control:

>97% (TLC); NMR (Conforms)

References:

1. K Balasubramanyam *et al. J. Biol. Chem.* 2004, 279:33716
2. MA Parasramka *et al. Nutr. Cancer* 2011, 63:456
3. T Nishino *et al. PLoS One* 2011, 6:e24298

Storage and Guarantee: Store desiccated as supplied at $-20^{\circ}C$ for up to 2 years. Store solutions at $-20^{\circ}C$ for up to 2 months. This product is guaranteed for 6 months from date of arrival.