

Catalog	Unit
TBI1337 - 10MG	10 mg
TBI1337 - 50MG	50 mg

Product Details

Molecular Formula: C₃₈H₅₀O₆

Formula Weight: 602.80

CAS Number: 78824-30-3

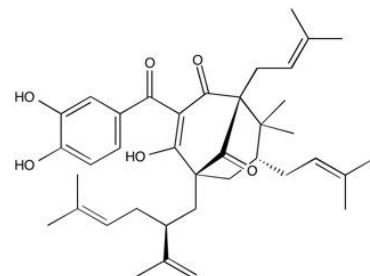
Purity: >98%

Formulation: Powder

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

Storage: -20°C

Stability: ≥ 2 years.



Applications

HAT inhibitor

Functions

Garcinol (78824-30-3) is a HAT (histone acetyltransferase) inhibitor (p300 IC₅₀ = 7 μM and PCAF IC₅₀ = 5 μM) both in vitro and in vivo. It potentiates TRAIL-induced apoptosis of cancer cells. In 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.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month. Garcinol is prone to oxidation. Protect from exposure to air.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

For research use only.