

Garcinol

Cat. No. CEI-0598

Lot. No. (See product label)

Introduction

Description

Garcinol is a polyisoprenylated benzophenone derivative isolated from *Garcinia indica*. It is a potent inhibitor of histone acetyltransferases (HATs) p300 (IC₅₀ = 7 μM) and PCAF (IC₅₀ = 5 μM) both in vitro and in vivo. HAT activity-dependent chromatin transcription was inhibited by garcinol, but it had no effect on naked DNA transcription. Moreover, it induces apoptosis in several types of cancer cells and has anti-inflammatory actions. Garcinol promotes neurogenesis and ex vivo expansion of human hematopoietic stem cells.

Synonyms

Camboginol

Product Information

Appearance

Yellow solid

CAS No.

78824-30-3

Molecular Formula

C₃₈ H₅₀ O₆

Molecular Weight

480.9

Purity

>98% by TLC

Targets

EP300, KAT2B

Solubility

DMSO (100 mM) or H₂O (100 mM)

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack