

Cambinol

Cat. No. CEI-0648

Lot. No. (See product label)

Introduction

Description An inhibitor of NAD-dependent deacetylase activity of human SIRT1 (IC₅₀ = 56 μM) and SIRT2 (IC₅₀ = 59 μM). Acts as an antitumor agent. Treatment of BCL6-expressing Burkitt lymphoma cells with Cambinol induces apoptosis accompanied by hyperacetylation of BCL6 and p53.

Synonyms NSC-112546

Product Information

Appearance Off-white solid

CAS No. 14513-15-6

Molecular Formula C₂₁H₁₆N₂O₂S

Chemical Name 5-[(2-hydroxy-5,8-dihydronaphthalen-1-yl)methyl]-6-phenyl-2-thioxo-2,3-dihydropyrimidin-4(1H)-one

Molecular Weight 403.52

Purity >90% by HPLC

Targets SIRT1

Solubility DMSO

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack