

Sirtinol

Cat. No. CEI-0656

Lot. No. (See product label)

Introduction

Description Cell-permeable. A selective sirtuin deacetylase inhibitor with IC50 values of 38, 68 and 131 μ M for SIRT2, Sir2p and SIRT1 respectively. Sirtinol has no effect on HDAC1 activity. Sirtinol inhibits the growth of cancer cells and suppresses inflammatory signaling in human dermal microvascular endothelial cells.

Synonyms Sir Two Inhibitor Naphthol

Product Information

Appearance Yellow solid

CAS No. 410536-97-9

Molecular Formula C 26 H 22 N 2 O 2

Chemical Name 2-[(2-Hydroxynaphthalen-1-ylmethylene)amino]-N-(1-phenethyl)benzamide

Molecular Weight 292.03

Purity >98% by HPLC

Targets SIRT1

Solubility DMSO (~200 mg/ml) or Ethanol (~ 10 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack