

## Sirtinol

Cat. No. CEI-0656

Lot. No. (See product label)

### Introduction

#### Description

Cell-permeable. A selective sirtuin deacetylase inhibitor with IC<sub>50</sub> values of 38, 68 and 131  $\mu$ 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<sub>26</sub> H<sub>22</sub> N<sub>2</sub> O<sub>2</sub>

#### 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