Creative Enzymes®

Splitomicin

Cat. No. CEI-0498

Lot. No. (See product label)

Introduction

Description	Potent inhibitor of yeast NAD^+dependent histone deacetylase Sir2p (IC50 = 60 μM). Sensitizes mammalian cells to a variety of DNA-damaging agents by abrogating Sir2p activity on p53. Acts by either altering or blocking access to the acetylated histone binding pocket.

Product Information

Appearance	Lyophilized solid
CAS No.	5690-03-9
Molecular Formula	$C_{13}H_{10}O_2$
Chemical Name	1,2-Dihydro-3H-naphtho[2,1-b]pyran-3-one
Molecular Weight	513.49
Purity	>95% by HPLC
Targets	HDAC
Solubility	DMSO (200 mg/ml)

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack