

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 C₁₃H₁₀O₂

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