

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

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|--------------------------|------------------------------------------------|
| 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

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|----------------------------|----------------|
| Storage | -20 centigrade |
| Shipping Conditions | Gel pack |