

## Splitomicin

Cat. No. CEI-0498

Lot. No. (See product label)

### Introduction

**Description** Potent inhibitor of yeast NAD<sup>+</sup>-dependent histone deacetylase Sir2p (IC<sub>50</sub> = 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<sub>13</sub>H<sub>10</sub>O<sub>2</sub>

**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