

Trichostatin A

Cat. No. CEI-0497

Lot. No. (See product label)

Introduction

Description Potent, reversible inhibitor of histone deacetylase. Mediates the activation of O⁶-methylguanine-DNA methyltransferase (MGMT). May be involved in cell cycle progression of several cell types, induces cell growth arrest at both G1 and G2/M phases. In some cases induces apoptosis.

Synonyms TSA

Product Information

Appearance Crystalline solid

CAS No. 58880-19-6

Molecular Formula C₁₇H₂₂N₂O₃

Chemical Name [R-(E,E)]-7-[4-(Dimethylamino)phenyl]-N-hydroxy-4,6-dimethyl-7-oxo-2,4-heptadienamamide

Molecular Weight 609.79

Purity >98%

Targets HDAC

Solubility DMSO (>100 mg/ml) or H₂O (>100 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack