

Suramin Hexasodium Salt

Cat. No. CEI-0654

Lot. No. (See product label)

Introduction

Description A P2x and P2y purinergic receptor antagonist that displays antitumor, antiangiogenic and antiparasitic activities. Inhibits sirtuin 1, sirtuin 5 and topoisomerase II. Inhibits the cell surface binding of various growth factors including PDGF, EGF, FGFa and FGFb. Blocks association of G protein α and β/γ -subunits. Potent competitive inhibitor of reverse transcriptase and protects T lymphocytes against in vitro human immunodeficiency virus infection

Product Information

Appearance White solid

CAS No. 129-46-4

Molecular Formula C₅₁H₃₄N₆Na₆O₂₃S₆

Chemical Name 8,8'-[Carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-1,3,5-naphthalenetrisulfonic acid hexasodium salt

Molecular Weight 166.19

Purity >98% by titration

Targets SIRT1, SIRT5, TOP2A

Solubility H₂O (100 mM)

Storage and Shipping Information

Storage +4 centigrade

Shipping Conditions RT