

## 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  $\alpha$  and  $\beta/\gamma$ -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** C<sub>51</sub>H<sub>34</sub>N<sub>6</sub>Na<sub>6</sub>O<sub>23</sub>S<sub>6</sub>

**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** H<sub>2</sub>O (100 mM)

### Storage and Shipping Information

**Storage** +4 centigrade

**Shipping Conditions** RT