Suramin Hexasodium Salt

**ALTERNATE NAMES:** 8,8’-[Carbonyl/bis[imino-3,1-phenylene-
carbonylimino(4-methyl-3,1-phenylene)carbonylimino]]-
-bis-1,3,5-naphthalenetrisulfonic acid hexasodium salt

**CATALOG #:** 1874-50, 100, 250

**AMOUNT:** 50 mg, 100 mg, 250 mg

**STRUCTURE:**

![Suramin Hexasodium Salt Structure](image)

**MOLECULAR FORMULA:** C₅₁H₃₄N₆Na₆O₂₃S₆

**MOLECULAR WEIGHT:** 1429.15

**CAS NUMBER:** 129-46-4

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO (10 mM) and water (50 mM)

**PURITY:** ≥98%

**STORAGE:** Store at +4 °C

**DESCRIPTION:** A P₂ₓ and P₂ᵧ 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, FGFα and FGFβ. 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.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

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FOR RESEARCH USE ONLY! Not to be used on humans.

**RELATED PRODUCTS:**
- Cambinol (Cat. No. 1653-10)
- Resveratrol (Cat. No. 1758-100, 500)
- SIRT1 Inhibitor, EX-527 (Cat. No. 1652-10)
- SIRT2 Inhibitor (Cat. No. 1857-5, 25)
- SIRT2 Inhibitor, AGK2 (Cat. No. 1651-10)