

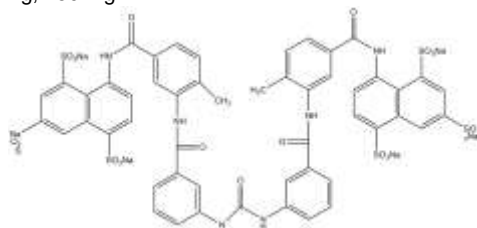
Suramin Hexasodium Salt

ALTERNATE NAME: 8,8'-[Carbonylbis[imino-3,1-phenylene-carbonylimino(4-methyl-3,1-phenylene)carbonylimino]]-bis-1,3,5-naphthalenetrisulfonic acid hexasodium salt

CATALOG #: 1874-50, 250

AMOUNT: 50 mg, 250 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{51}H_{34}N_6Na_6O_{23}S_6$

MOLECULAR WEIGHT: 1429.15

CAS NUMBER: 129-46-4

APPEARANCE: White to off-white solid

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

PURITY: $\geq 98\%$

STORAGE: Store at +4 °C

DESCRIPTION: A P_{2x} and P_{2y} 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.

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

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**)