

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

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| Appearance | White solid |
| CAS No. | 129-46-4 |
| Molecular Formula | C ₅₁ H ₃₄ N ₆ Na ₆ O ₂₃ S ₆ |
| 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 ₂ O (100 mM) |

Storage and Shipping Information

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| Storage | +4 centigrade |
| Shipping Conditions | RT |