Suramin is an inhibitor of GPCRs; it prevents guanine nucleotide exchange. Suramin inhibits SIRT, telomerase, and P2Y receptors; it also acts as an agonist at Ryanodine (RyR) receptors. Suramin exhibits anticancer, neuromodulatory, neuroprotective, antiviral, anti-parasitic, and antimalarial activities. In glioma cells, suramin inhibits cell proliferation and spheroid growth. This compound inhibits proliferation of enterovirus EV71 by preventing viral attachment to host cells. Additionally, suramin inhibits falcipain-2 activity in *Plasmodium*.

**References**


**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.