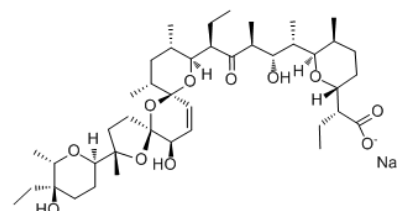


Product Name : Salinomycin sodium
Cat. No. : PC-45261
CAS No. : 55721-31-8
Molecular Formula : C₄₂H₆₉NaO₁₁
Molecular Weight : 772.9804
Target : Bacterial
Solubility : DMSO: ≥ 15 mg/mL



Biological Activity

A polyether ionophore antibacterial agent that shows effects on mitochondrial ion translocation and respiration; inhibits Wnt signaling and selectively induces apoptosis in chronic lymphocytic leukemia cells; induces ER stress mediated autophagy and apoptosis through generation of ROS in human glioma U87MG cells.

References

Mitani M, et al. *Antimicrob Agents Chemother.* 1976 Apr;9(4):655-60.

Lu D, et al. *Proc Natl Acad Sci U S A.* 2011 Aug 9;108(32):13253-7.

Yu SN, et al. *Oncol Rep.* 2017 Jun;37(6):3321-3328.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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