

Product Name: Salinomycin Na

Cat. No.: BIAAA-2505-CXX-22

Package: 10 mg/50 mg

Description

Salinomycin is a polyether ionophore with antibiotic and anticancer properties. It induces cell death in various cancer cells, displays selective toxicity for cancer stem cells, induces rapid mitochondrial hyperpolarization.

Product Details

Formal Name: From *Streptomyces albus*

Purity: >97%

CAS Number: 55721-31-8

Formula: C₄₂H₆₉O₁₁ Na

Molecular Weight: 773

Appearance: Powder

Solubility: Dissolves in DMSO (up to 40 mg/mL)

Stability: ≥ 2 years

Application Procedures: First, dissolve in DMSO (up to 40 mg/mL), and then dilute it into an aqueous buffer. Solutions in DMSO can be stored at -20°C for up to 3 months.

Storage Information: -20°C

Application

Cancer stem cell inhibitor

 For preclinical research and development use only; not intended for therapeutic or other applications.