

Albamycinsodium

Catalog No: #S0974

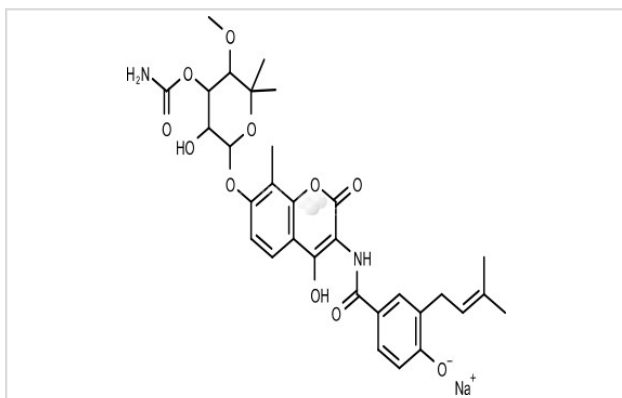
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Description

Product Name	Albamycinsodium
Brief Description	Inhibitors
Purification	99.07%
Target Name	ABC inhibitor; DNA gyrase inhibitor; Potassium Channel inhibitor; Topoisomerase inhibitor
Calculated MW	634.61
Formulation	C31H35N2NaO11
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology SMILES: [Na+].COC1C(OC(N)=O)C(O)C(OC2=C(C)C3=C(C=C2)C(O)=C(NC(=O)C2=CC(CC=C(C)C)=C([O-])C=C2)C(=O)O3)OC1(C)C

Pathways: DNA Damage/DNA Repair; Membrane transporter/Ion channel Receptor: ABCG2; DNA gyrase; Bile salt export pump; Topo I

Boiling pt: 848.2°C Melting pt: 215-220°C Solubility: Ethanol: 127 mg/mL (200.12 mM); Water: 127 mg/mL (200.12 mM); DMSO: 127 mg/mL (200.12 mM)

Appearance: White Powder Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

References

- Gormley NA, et al. Biochemistry. 1996 Apr 16;35(15):5083-92.

Note: This product is for in vitro research use only