

Salinomycin sodium salt

产品编号: D51478

CAS: 55721-31-8

分子式: C₄₂H₆₉NaO₁₁

纯度: ≥98%

InChi: InChI=1S/C42H70O11.Na/c1-11-29(38(46)47)31-15-14-23(4)36(50-31)27(8)34(44)26(7)35(45)30(12-2)37-24(5)22-25(6)41(51-37)19-16-32(43)42(53-41)21-20-39(10,52-42)33-17-18-40(48,13-3)28(9)49-33;/h16,19,23-34,36-37,43-44,48H,11-15,17-18,20-22H2,1-10H3,(H,46,47);/q;+1/p-1/t23-,24-,25+,26-,27-,28-,29+,30-,31+,32+,33+,34+,36+,37-,39-,40+,41-,42-;/m0./s1

InChi Key: YPZYGIQXBGHDBH-UZHRAPRISA-M

Smiles: C[C@]1(CC[C@]2(O1)O[C@]1(C=C[C@H]2O)O[C@H]([C@@H](CC)C(=O)[C@@H](C)[C@@H](O)[C@H](C)[C@@H]2O[C@H](CC[C@H]2C)[C@@H](CC)C(=O)O[Na]))[C@@H](C)C[C@H]1C)[C@H]1CC[C@](O)(CC)[C@H](C)O1

外观: 固体粉末

作用通路: Antibiotic

溶解性: DMSO : 100 mg/mL (129.37 mM; Need ultrasonic)

保存条件: Store in dry, dark place for one year.

产品介绍: Salinomycin sodium salt (Salinomycin sodium), an antibiotic potassium ionophore, is a potent inhibitor of Wnt/β-catenin signaling. Salinomycin sodium salt (Salinomycin sodium) acts on the Wnt/Fzd/LRP complex, blocks Wnt-induced LRP6 phosphorylation, and causes degradation of the LRP6 protein. Salinomycin sodium salt (Salinomycin sodium) shows selective activity against human cancer stem cells.