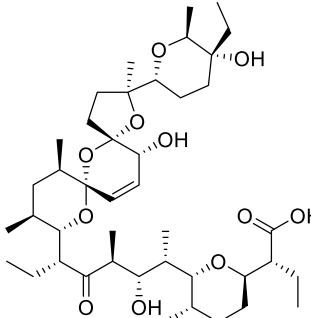




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
406545	Salinomycin	A23T03K13

Chemical name	
(R)-2-((2R,5S,6R)-6-((2S,3S,4S,6R)-6-((2S,5S,7R,9S,10S,12R,15R)-2-((2R,5R,6S)-5-ethyl-5-hydroxy-6-methyltetrahydro-2H-pyran-2-yl)-15-hydroxy-2,10,12-trimethyl-1,6,8-trioxadispiro[4.1.57.35]pentadec-13-en-9-yl)-3-hydroxy-4-methyl-5-oxooctan-2-yl)-5-methyltetrahydro-2H-pyran-2-yl)butanoic acid	
Synonyms	
AHR 3096; AHR3096; AHR-3096; HSDB 7032; HSDB7032; HSDB-7032; K 364; Salinomycin; BioCox; Sacox; Salocin; Coxistac	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406545 Name: Salinomycin CAS#: 53003-10-4 Lot#: A23T03K13 Chemical Formula: C ₄₂ H ₇₀ O ₁₁ Exact Mass: 750.4918 Molecular Weight: 751.01

Analysis item	Specifications / Results
Appearance	Light yellow solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 3 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE