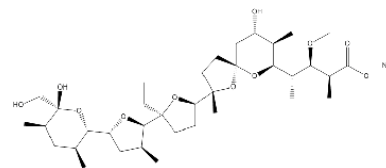


Monensin A Sodium

Catalog Number: IO-0012

CAS Number: 22373-78-0

Price: [Online Inquiry](#)



Catalog Number	Price
IO-0012	Online Inquiry

Product Information	
Molecular Formula	C ₃₆ H ₆₁ O ₁₁ Na
Molecular Weight	692.9
Purity	>98%
SMILES	<chem>CCC1(CCC(O1)C2(CCC3(O2)CC(C(C(O3)C(C)C(C(C)C(=O)[O-])OC)C)O)C)C4C(CC(O4)C5C(CC(C(O5)(CO)O)C)C)C.[Na+]</chem>
InChi	1S/C36H62O11.Na/c1-10-34(31-20(3)16-26(43-31)28-19(2)15-21(4)36(41,18-37)46-28)12-11-27(44-34)33(8)13-14-35(47-33)17-25(38)22(5)30(45-35)23(6)29(42-9)24(7)32(39)40;/h19-31,37-38,41H,10-18H2,1-9H3,(H,39,40);/q;+1/p-1/t19-,20-,21+,22+,23-,24-,25-,26+,27+,28-,29+,30-,31+,33-,34-,35+,36-;/m0./s1
InChi Key	XOIQMTLWECTKJL-FBZUZRIGSA-M
Alternate Name	Monensin A Sodium; Monensin A; NSC 343257; Rumensin®; 2,5-ethyltetrahydro-5-[tetrahydro-3-methyl-5-[tetrahydro-6-hydroxy-6-hydroxymethyl-3,5-dimethyl-2H-pyran-2-yl]-2-furyl]-2-furyl-9-hydroxy-b-methoxy-a,g,2,8-tetramethyl-1,6-dioxaspiro[4.5]decane-7-butyric acid, monosodium salt; ionophore antibiotic
Appearance	Solid

Properties	
Storage Conditions	-20°C
Shipping Conditions	Gel Pack
Solubility	DMSO