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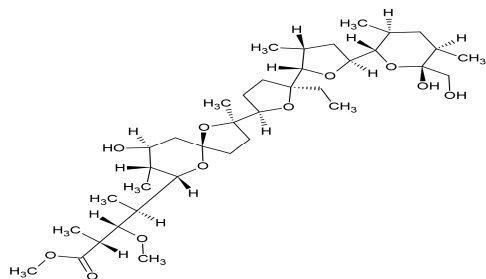
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Monensin Methyl ester

ALTERNATE NAME: 5-methyl (2R,3S,4R)-4-[(2R,5R,7S,8R,9S)-2-[(2R,5S)-5-ethyl-5-[(2S,3R,5S)-5-[(2S,3S,5R,6R)-6-hydroxy-6-(hydroxymethyl)-3,5-dimethyloxan-2-yl]-3-methyloxolan-2-yl]oxolan-2-yl]-7-hydroxy-2,8-dimethyl-1,10-dioxaspiro[4.5]decan-9-yl]-3-methoxy-2-methylpentanoate

CATALOG #: AUR11373

STRUCTURE:



MOLECULAR FORMULA: C₃₇H₆₄O₁₁

MOLECULAR WEIGHT: 684.9

CAS#: 28636-21-7

APPEARANCE: White solid

SOLUBILITY: EtOH (~68 mg/ml) or MeOH (~68 mg/ml)

PURITY: >98% by TLC

STORAGE: Store at +2 to +8° C. Protect from air and light

DESCRIPTION: Monensin Methyl Ester is a neutral analog of monensin, an antibiotic produced by *Streptomyces cinnamomensis*. Monensin Methyl Ester has been used in the preparation of ion-selective membranes for ion-selective electrodes.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure