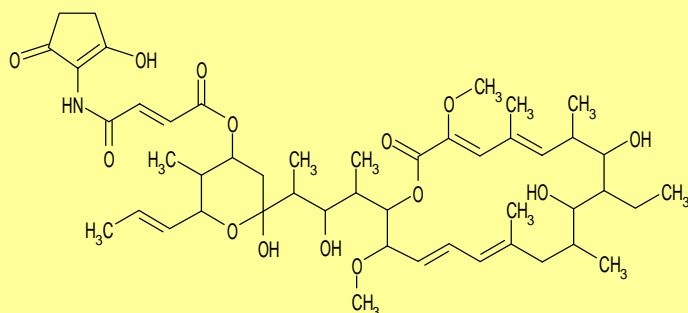


Virustomycin A

Cat.# BLK0610

Structure

**Origin:** *Streptomyces* sp. AM-2604**CAS Registry Number:** 84777-85-5**CA Index Name:** 23-O-De(4-O-aminocarbonyl-2,6-dideoxy-β-D-arabino-hexopyranosyl)-23-O-[4-[(2-hydroxy-5-oxo-1-cyclopenten-1-yl)amino]-1,4-dioxo-2-butenyl]concanamycin A**Appearance:** yellow solid**Molecular Formula/ Weight:** C₄₈H₇₁NO₁₄=886.10**Melting Point:** 196-199 **Purity:** 97% by HPLC**Solubility:** Sol. MeOH, EtOH, Chloroform, Acetone
Inso. water, Hexane

Background Information:

Virustomycin A, which is a 18-membered macrolide, was isolated from *Streptomyces* sp. AM-2604¹⁾ and *Trichomonas foetus*²⁾. Virustomycin A is active against trichomonads and various RNA and DNA viruses, and weakly active against some fungi. In addition, Virustomycin A has antitrypanosomal activities³⁾.

Handling and Storage:

Store at -20 .

References:

1. S. Ōmura, et. al., J Antibiot (Tokyo), **35**, 1632-1637 (1982).
2. S. Ōmura, et. al., J Antibiot (Tokyo), **36**, 1755-1761 (1983).
3. K. Otaguro, et. al., J Antibiot (Tokyo). **61**, 372-378 (2008).

Manufactured with Cortesy strain from The Kitasato Institute.