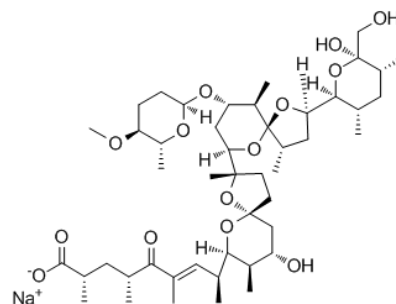


Product Name : Nanchangmycin
Cat. No. : PC-42189
CAS No. : 65101-87-3
Molecular Formula : C₄₇H₇₇NaO₁₄
Molecular Weight : 889.0956
Target : Bacterial
Solubility : DMSO: ≥ 26 mg/mL



Biological Activity

Nanchangmycin (Nanchangmycin A) is a polyether ionophore **antibiotic** isolated from *Streptomyces nanchangensis* NS3226 that shows antibacterial and antiviral properties.

Nanchangmycin is potent inhibitor of Zika virus entry, also is active against other medically relevant viruses, including West Nile, dengue, and chikungunya viruses.

References

Liu T, et al. **Chem Biol.** 2008 May;15(5):449-58.

Liu T, et al. **Chem Biol.** 2006 Sep;13(9):945-55.

Rausch K, et al. **Cell Rep.** 2017 Jan 17;18(3):804-815.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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