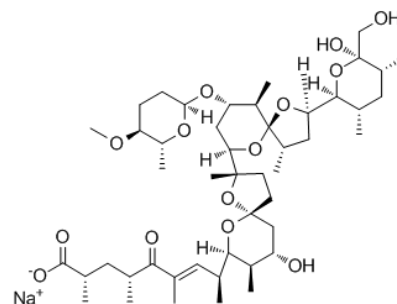


Product Name : Nanchangmycin
Cat. No. : PC-42189
CAS No. : 65101-87-3
Molecular Formula : C₄₇H₇₇NaO₁₄
Molecular Weight : 889.0956
Target : Bacterial
Solubility : DMSO: ≥ 26 mg/mL



Biological Activity

A polyether ionophore antibiotic isolated from *Streptomyces nanchangensis* NS3226 that shows antibacterial and antiviral properties; A 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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