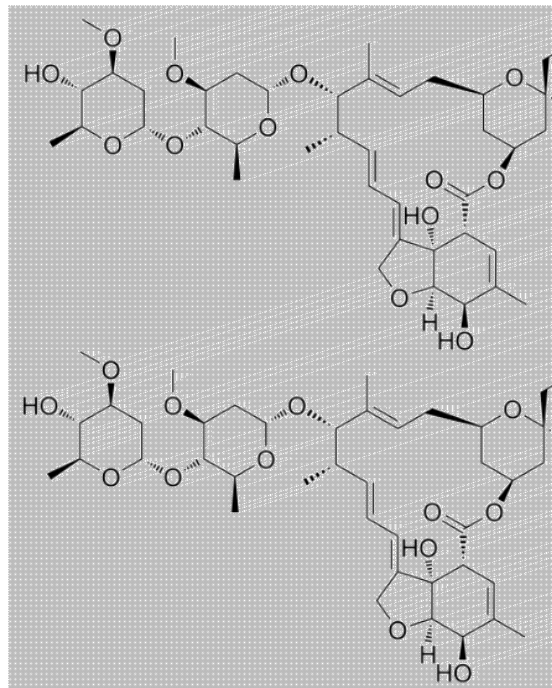


Product Name : Ivermectin
Cat. No. : PC-24812
CAS No. : 70288-86-7
Molecular Formula : C₄₈H₇₄O₁₄
Molecular Weight : 875.09
Target : Parasite
Solubility : 10 mM in DMSO



Biological Activity

Ivermectin (MK-933) is a broad-spectrum anti-parasite agent, is a specific inhibitor of importin α/β -mediated nuclear import with potent antiviral activity towards both HIV-1 and DENV, also is a positive allosteric effector of P2X4 and $\alpha 7$ neuronal nicotinic acetylcholine receptor (nAChRs), also inhibits bovine herpesvirus1 (BoHV-1) replication and inhibits BoHV-1 DNA polymerase nuclear import.

References

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Wagstaff KM, et al. Biochem J. 2012 May 1;443(3):851-6.
Raza S, et al. Microorganisms. 2020 Mar 13;8(3). pii: E409.

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