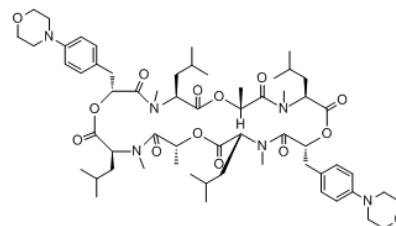


Product Name : Emodepside
Cat. No. : PC-42397
CAS No. : 155030-63-0
Molecular Formula : C₆₀H₉₀N₆O₁₄
Molecular Weight : 1119.3884
Target : Parasite
Solubility : DMSO: ≥ 31 mg/mL
4. Harder A, et al. Int J Antimicrob Agents. 2003 Sep;22(3):318-31.



Biological Activity

A semisynthetic derivative of PF1022A, and novel cyclo-depsipeptide anthelmintic which is efficacious against a variety of gastrointestinal nematodes; causes parasitic nematode muscle relaxation, inhibition of muscle contraction elicited by either ACh or the neuropeptide AF2; elicits a Ca(++)-dependent hyperpolarization of muscle cells.

Parasite Infection

Phase 1 Clinical

References

Harder A, Parasitol Res. 2001 Nov;87(11):924-8.

Harder A, et al. Parasitol Res. 2002 Jun;88(6):481-8.

Willson J, et al. Parasitology. 2003 Jan;126(Pt 1):79-86.

