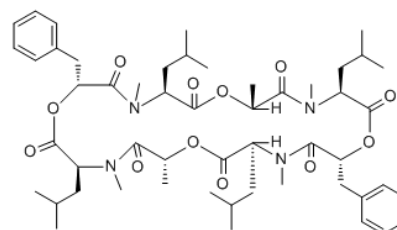


Product Name : PF 1022A
Cat. No. : PC-43003
CAS No. : 133413-70-4
Molecular Formula : C₅₂H₇₆N₄O₁₂
Molecular Weight : 949.1794
Target : Parasite
Solubility : DMSO: ≥ 43 mg/mL



Biological Activity

PF1022A is an anthelmintic cyclodepsipeptide of fungal origin, binds to the latrophilin-like transmembrane receptor important for pharyngeal pumping in nematodes; binds to GABA receptors, which might contribute to the anthelmintic effect, like other cyclodepsipeptides, PF1022A acts as an ionophore.

References

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Dornetshuber R, et al. Biochem Pharmacol. 2009 Apr 15;77(8):1437-44.
Chen W, et al. Parasitol Res. 1996;82(2):97-101.
von Samson-Himmelstjerna G, et al. Parasitol Res. 2000 Mar;86(3):194-9.

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

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