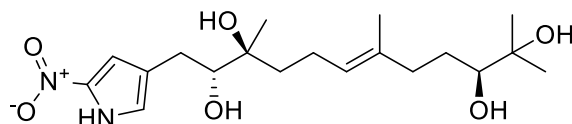


Heronapyrrole B

Code No.: **BIA-H2288**

Pack sizes: **0.25 mg, 1 mg**



Synonyms :

Specifications

CAS #	:	1255704-24-5
Molecular Formula	:	C₁₉H₃₂N₂O₆
Molecular Weight	:	384.5
Source	:	<i>Streptomyces</i> sp.
Appearance	:	Red solid
Purity	:	>95% by HPLC
Long Term Storage	:	-20°C
Solubility	:	Soluble in methanol or DMSO

Application Notes

Heronapyrrole B is a member of a family of farnesylated 2-nitropyrroles isolated from a marine-derived *Streptomyces* found on the Australian Barrier Reef by Capon and co-workers of the University of Queensland, Australia. Heronapyrrole B is potently active against Gram positive bacteria and has fungistatic activity.

References

1. Heronapyrroles A-C: farnesylated 2-nitropyrroles from an Australian marine-derived *Streptomyces* sp. Raju R. et al. *J Org Chem.* 2010, 12, 5158.
2. Inter-kingdom beach warfare: Microbial chemical communication activates natural chemical defences. Khalil Z. et al. *ISME Journal* 2019, 13, 147.