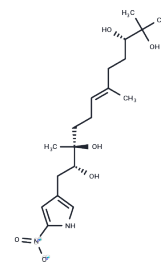


Heronapyrrole B

Chemical Properties

CAS No. :	1255704-24-5
Formula:	C ₁₉ H ₃₂ N ₂ O ₆
Molecular Weight:	384.47
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Heronapyrrole B is a farnesylated 2-nitropyrrole bacterial metabolite that has been found in <i>Streptomyces</i> and has antibacterial activity. ^{1,2} It is active against the Gram-positive bacteria <i>S. aureus</i> and <i>B. subtilis</i> (MICs = 1.8 and 7.5 μM, respectively) but not Gram-negative <i>P. aeruginosa</i> or <i>E. coli</i> . ¹
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.601 mL	13.0049 mL	26.0098 mL
5 mM	0.5202 mL	2.601 mL	5.202 mL
10 mM	0.2601 mL	1.3005 mL	2.601 mL
50 mM	0.052 mL	0.2601 mL	0.5202 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Raju, R., Piggott, A.M., Diaz, L.X.B., et al. Heronapyrroles A-C: farnesylated 2-nitropyrroles from an Australian marine-derived *Streptomyces* sp. *Org. Lett.* 12(22)5158-5161(2010)
- Matsuo, T., Hashimoto, S., Nishikawa, K., et al. Total synthesis and complete stereochemical assignment of heronapyrroles A and B. *Tetrahedron Letters* 565345-5348(2015)

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