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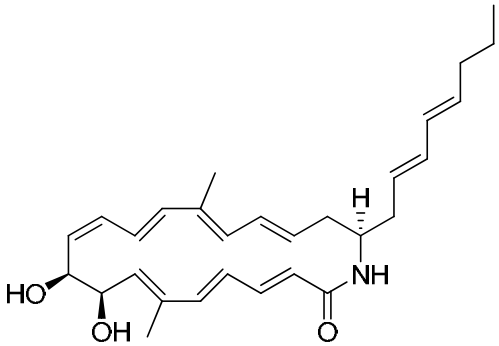
PRODUCT DATA SHEET

Heronamide C

Code: **BIA-H1286**

Pack sizes: **1 mg, 5 mg**



Synonyms :

Specifications

CAS #	:	**1257083-94-5**
Molecular Formula	:	**$C_{29}H_{39}NO_3$**
Molecular Weight	:	**449.3**
Source	:	***Streptomyces* sp.**
Appearance	:	**White to pale yellow solid**
Purity	:	**>95%**
Storage	:	**-20°C**
Solubility	:	**Soluble DMSO. Limited methanol, ethanol or water solubility.**

Application Notes

Heronamide C is an unusual polyene macrocyclic lactam containing two isolated tetraene and triene chromophores. Heronamide C was found to induce a unique reversible vacuolisation of mammalian tumor cells by an as yet unidentifed mechanism.

References

1. Heronamides A – C, new polyketide macrolactams from an Australian marine-derived *Streptomyces* sp. A biosynthetic case for synchronized tandem electrocyclization. Ritesh R. et al. Org. Biomol. Chem. 2010, 8, 4682.

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