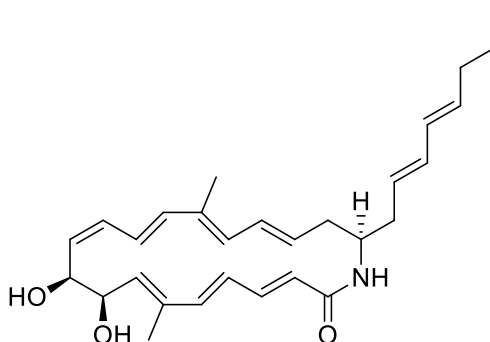


## Heronamide C

Code No.: **BIA-H1286**

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



Synonyms :

### Specifications

CAS #	: 1257083-94-5
Molecular Formula	: $C_{29}H_{39}NO_3$
Molecular Weight	: 449.6
Source	: <i>Streptomyces</i> sp.
Appearance	: White to pale yellow solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C and protect from heat and light
Solubility	: Soluble in DMSO. Unstable in methanol.

### Application Notes

Heronamide C is an unusual polyene macrocyclic lactam containing two isolated tetraene and triene chromophores. Heronamide C induces a unique reversible vacuolisation of mammalian tumor cells by an as yet unidentified 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.