

Product Name:	Heronamide C
Product Number:	H038
CAS Number:	1257083-94-5
Molecular Formula:	C ₂₉ H ₃₉ NO
Molecular Weight:	449.3
Description:	<p>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.</p> <p>Heronamide C is soluble in DMF or DMSO. Moderately soluble in methanol or ethanol. Poor water solubility.</p>
Mechanism of Action:	The mechanism of action of heronamide C's antitumor activity is not yet known.
References:	Heronamides A – C, new polyketide macrolactams from an Australian marine-derived <i>Streptomyces</i> sp. A biosynthetic case for synchronized tandem electrocyclization. Ritesh R. et al. <i>Org. Biomol. Chem.</i> 2010, 8, 4682.