Heronamide C

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% by HPLC
Long Term Storage : -20°C
Solubility : Soluble in DMF or DMSO. Moderately soluble in methanol or ethanol. Poor water solubility.

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 tumour cells by an as yet unidentified mechanism.

References