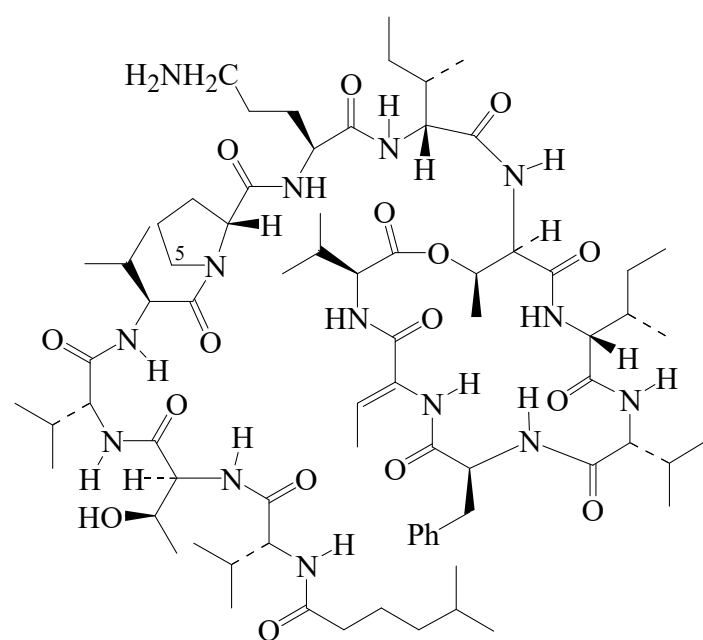




>>Entry Name: Kahalalide F



Absolute
Configuration

CAS Registry Number: 149204-42-2

Molecular Formula: $C_{75}H_{124}N_{14}O_{16}$

Molecular Weight: 1477.889

Accurate Mass: 1476.931976

Percentage Composition: C 60.95%; H 8.46%; N 13.27%; O 17.32%

Biological Source: Isol. from the mollusc *Elysia rufescens* and the alga *Bryopsis* sp.

Use/Importance: Cytotoxic and antifungal agent

Physical Description: White powder

Optical Rotation: $[\alpha]_D -8$ (c, 4.32 in MeOH)

Solubility: BERDY SOL: Sol. MeOH

UV: [neutral] $\lambda_{\max}$ 204 (ϵ 89630) (MeOH) (Berdy)

References:

Hamann, M.T. *et al.*, *J.A.C.S.*, 1993, **115**, 5825, (*isol, struct, pmr, cmr, props*)

Goetz, G. *et al.*, *Tetrahedron*, 1999, **55**, 7739-7746, (*abs config*)