

---

*Supplementary Materials*

# **Antifungal Potential of Marine Organisms of the Yucatan Peninsula (Mexico) against Medically Important *Candida* spp.**

**Dawrin Pech-Puch<sup>1,2</sup>, Diana Grilo<sup>3</sup>, Susana Eunice Calva-Pérez<sup>1</sup>, Andreia Pedras<sup>3</sup>, Harold Villegas-Hernández<sup>1</sup>, Sergio Guillén-Hernández<sup>1</sup>, Raúl Díaz-Gamboa<sup>1</sup>, Mateo Forero Tunjano<sup>4</sup>, Jaime Rodríguez<sup>4</sup>, Oscar A. Lenis-Rojas<sup>3,\*</sup>, Carlos Jiménez<sup>4,\*</sup> and Catarina Pimentel<sup>3,\*</sup>**

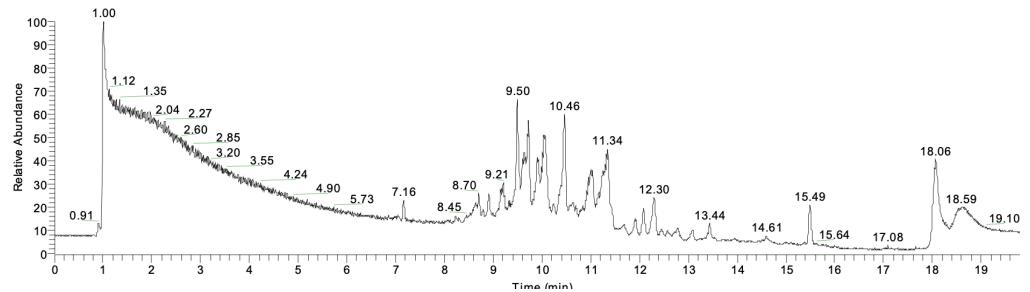
<sup>1</sup> Departamento de Biología Marina, Universidad Autónoma de Yucatán, Km. 15.5, Carretera Mérida-Xmatkuil, A.P. 4-116 Itzimná, Merida C.P. 97100, Mexico

<sup>2</sup> Escuela Nacional de Estudios Superiores Unidad Mérida (ENES Mérida), Universidad Nacional Autónoma de México (UNAM), Carretera Mérida-Tetiz km 4.5, Tablaje, Catastral No. 6998, Municipio de Ucú, Ucú C.P. 97357, Mexico

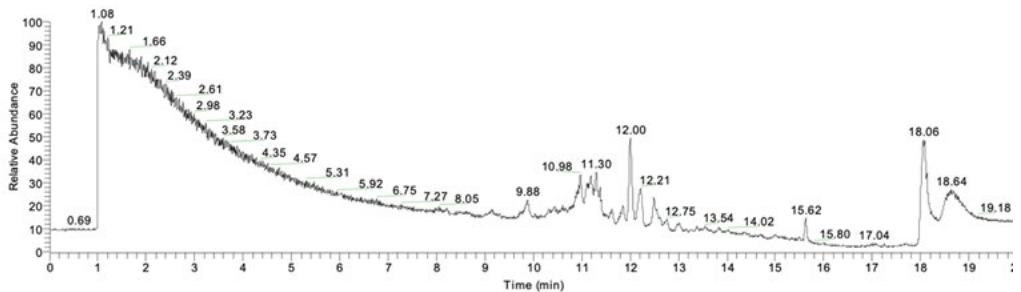
<sup>3</sup> Instituto de Tecnología Química e Biológica António Xavier (ITQB NOVA), Universidade Nova de Lisboa, Oeiras, 1070-312 Lisbon, Portugal

<sup>4</sup> Centro de Interdisciplinar de Química e Bioloxía (CICA), Facultade de Ciencias, Universidade da Coruña, 15071 Coruña, Spain

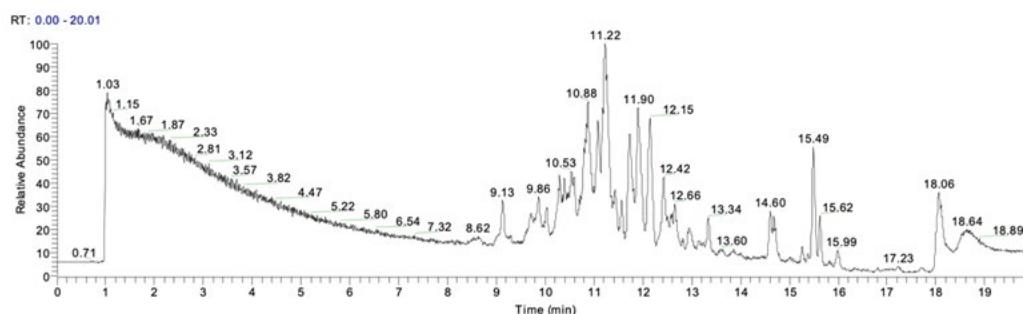
\* Correspondence: oscar.rojas@itqb.unl.pt (O.A.L.-R.); carlos.jimenez@udc.es (C.J.); pimentel@itqb.unl.pt (C.P.)



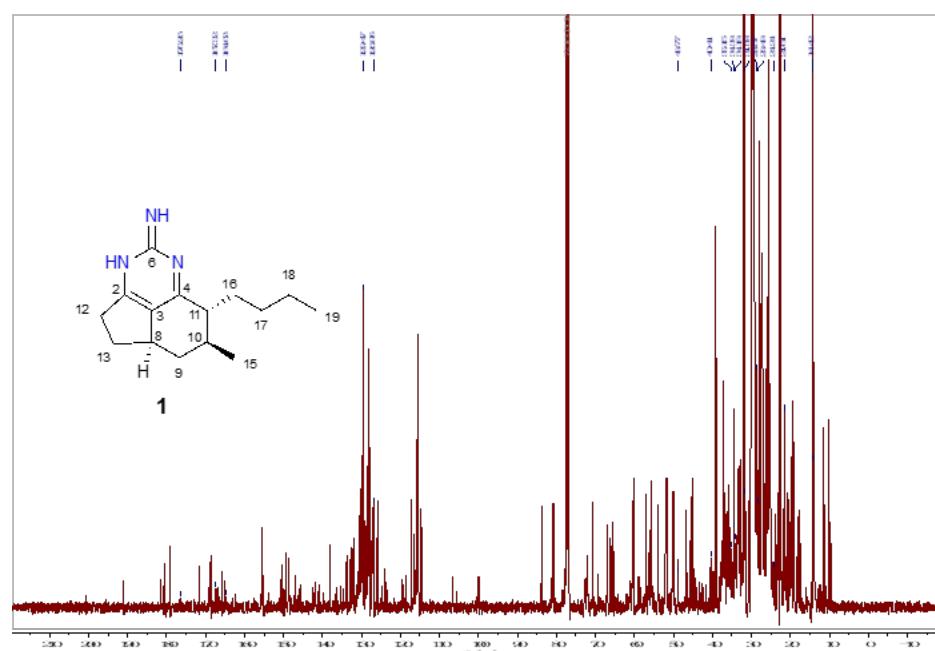
**Figure S1.** UHPLC chromatogram of R2 fraction from UHPLC-HRMS experiment.



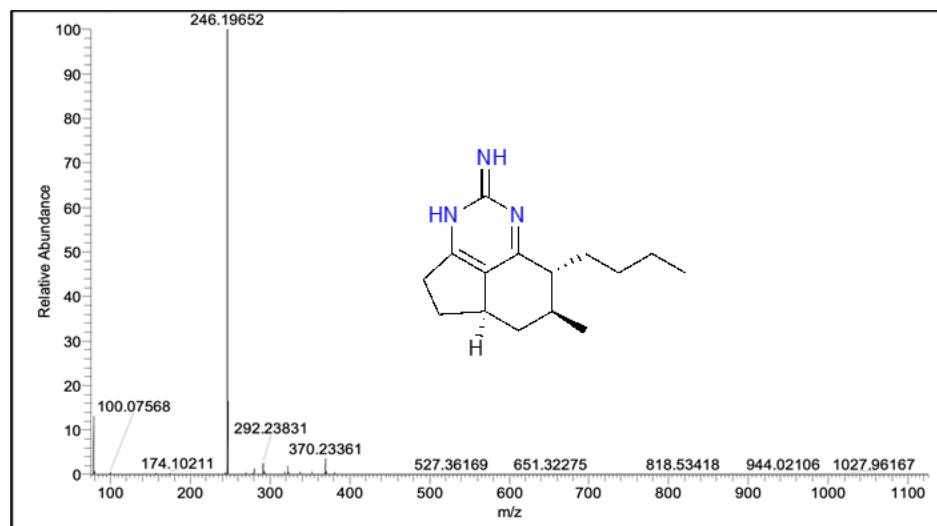
**Figure S2.** UHPLC chromatogram of R3 fraction from UHPLC-HRMS experiment.



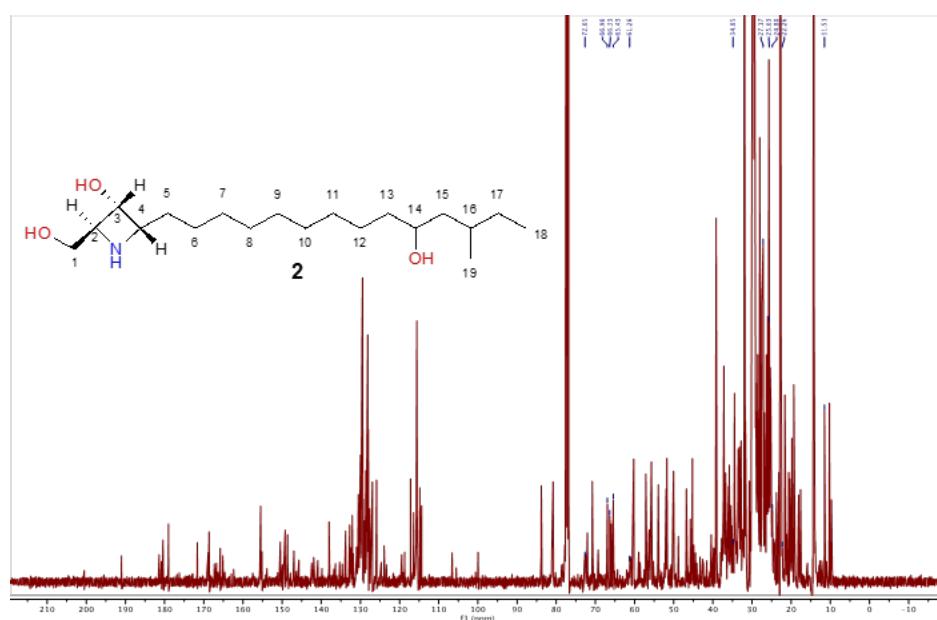
**Figure S3.** UHPLC chromatogram of R5 fraction from UHPLC-HRMS experiment.



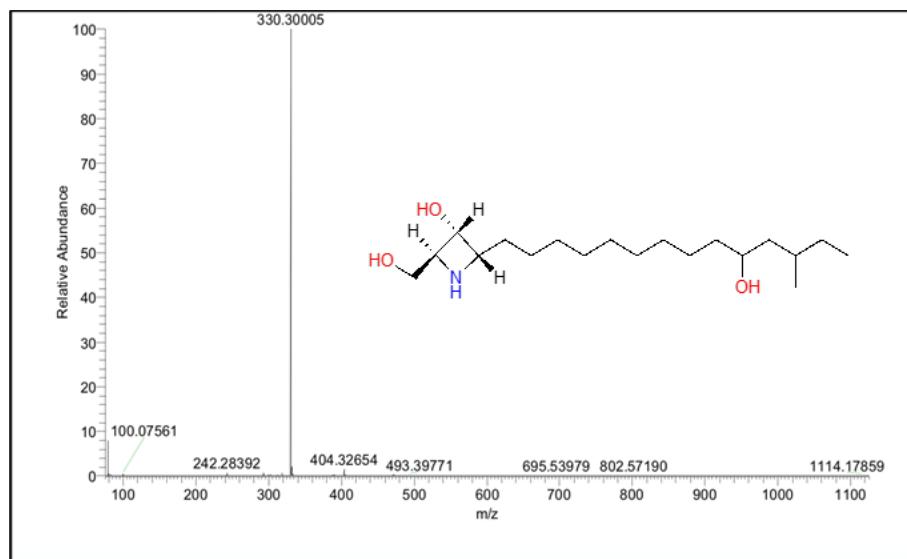
**Figure S4.** <sup>13</sup>C NMR spectrum of R4 subfraction with the main chemical shifts of **1**.



**Figure S5.** HRMS-ESI of the compound 1.



**Figure S6.**  $^{13}\text{C}$  NMR spectrum of R4 subfraction with the main chemical shifts of 2.



**Figure S7.** HRMS-ESI of the compound 2.

**Table S1.** Concentration range tested for MIC and MFC determination.

	Concentration range tested ( $\mu\text{g/mL}$ )
Crude extract	
CZE56	125–0.244
MA18-4	35.75–0.070
E29	41.5–0.081
E35	62.5–0.122
Sub-fractions of E35	
DF	60.00–0.117
BF	117.50–0.229
WMF	130.00–0.254
Sub-Fraction	
R1	135–0.264
R2	130–0.254
R3	80–0.176
R4	60–0.117
R5	115–0.225
R6	135–0.264
R7	135–0.264