

## Supporting Information

# Chemical synthesis of marine-derived sulfoglycolipids, a new class of molecular adjuvants

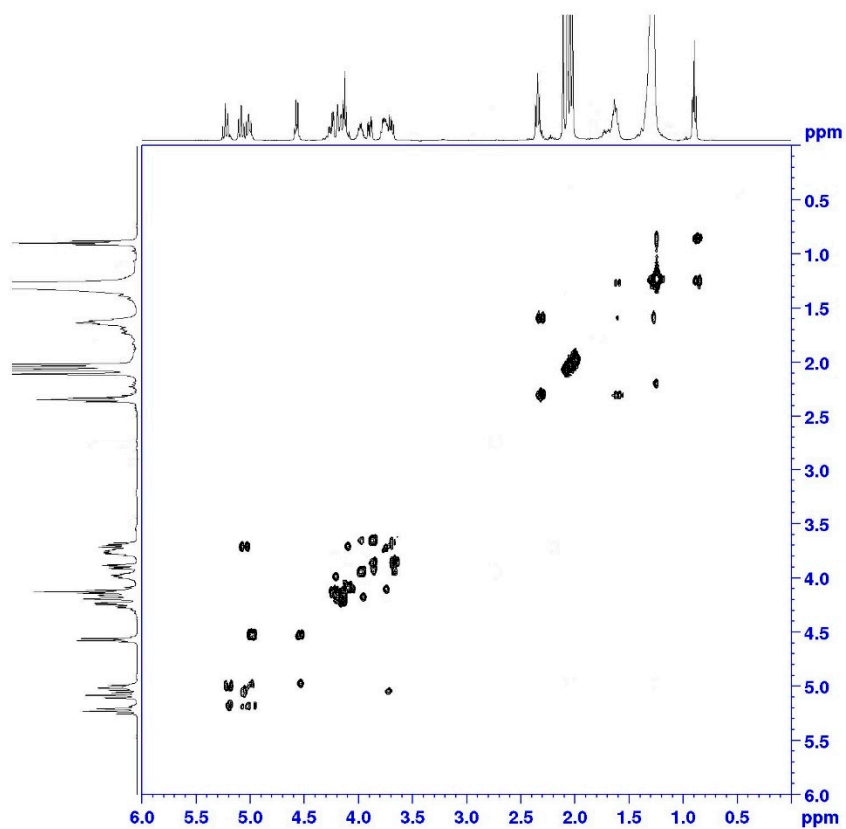
**Emiliano Manzo<sup>1,\*</sup>, Laura Fioretto<sup>1</sup>, Dario Pagano<sup>1</sup>, Genoveffa Nuzzo<sup>1</sup>, Carmela Gallo<sup>1</sup>, Raffaele De Palma<sup>2</sup> and Angelo Fontana<sup>1</sup>**

<sup>1</sup> Bio-Organic Chemistry Unit, CNR- Institute of Biomolecular Chemistry, Via Campi Flegrei 34, IT-80078 Pozzuoli, Napoli, Italy

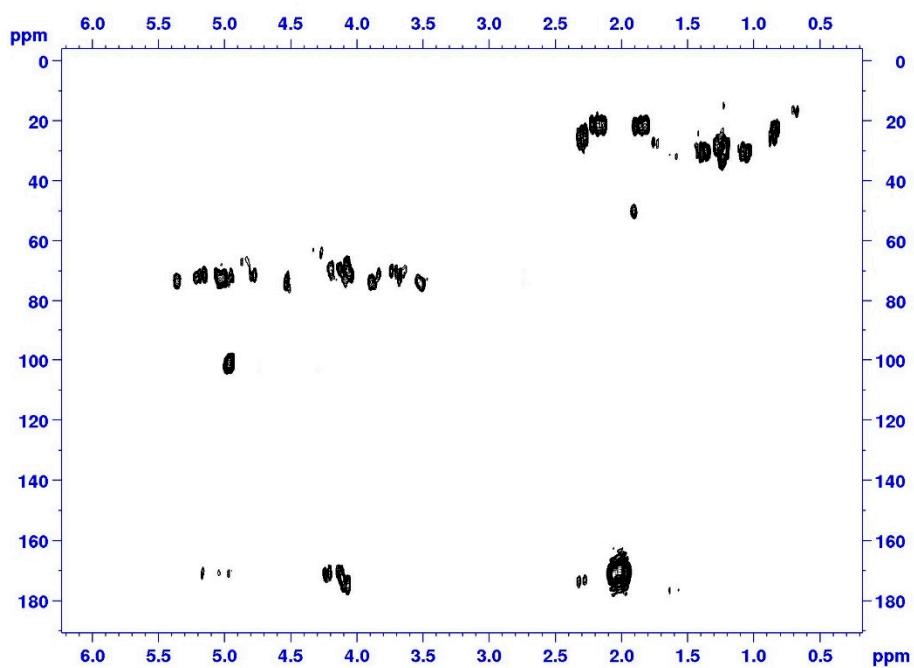
<sup>2</sup> University of Campania, Clinical Immunology and Allergology, Dept. of Internal and Experimental Clinic, c/o II Policlinico (Bd. 3), Via S.Pansini, 5, 80131 Napoli, Italy

COSY and HMBC spectra of **15**

$^1\text{H}$ - $^1\text{H}$  COSY spectrum of **15** ( $\text{CDCl}_3$ , 400 MHz)



HMBC spectrum of **15** ( $\text{CDCl}_3$ , 400 MHz)



Enlargement of HMBC spectrum of **15** (CDCl<sub>3</sub>, 400 MHz)

