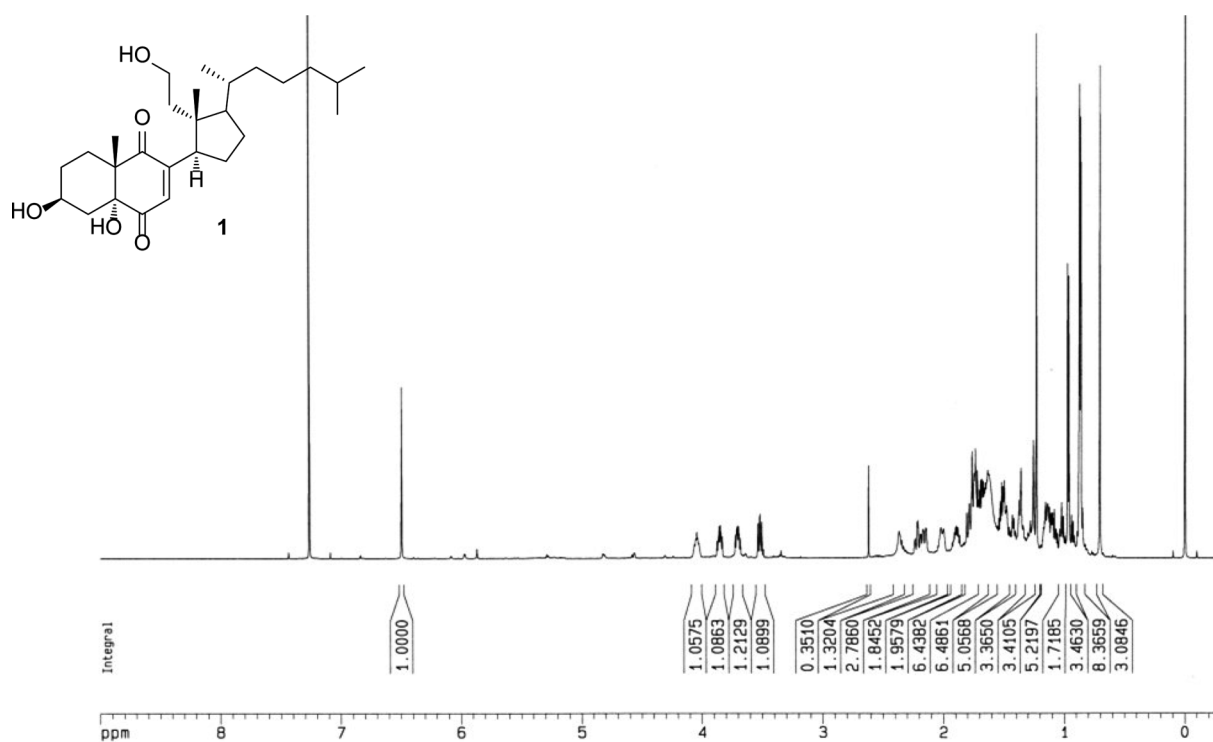


Supporting Information

An Antibacterial 9,11-Secosterol from a Marine Sponge *Ircinia* sp.Inho Yang,^{†,a} Hyukjae Choi,^{‡,a} Dong Hwan Won,[†] Sang-Jip Nam,^{§,*} and Heonjoong Kang^{†,*,#}[†]Center for Marine Natural Products and Drug Discovery, School of Earth and Environmental Sciences, Seoul National University, NS-80, Seoul 151-747, Korea[‡]College of Pharmacy, Yeungnam University, Gyeongsan 712-749, Korea[§]Department of Chemistry and Nano Science, Global Top5 Program, Ewha Womans University, Seoul 120-750, Korea^{*}E-mail: sjnam@ewha.ac.kr[#]Research Institute of Oceanography, Seoul National University, NS-80, Seoul 151-747, Korea. ^{*}E-mail: hjkang@smu.ac.kr

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Figure S1. ¹H NMR Spectrum of **1** (CDCl₃, 600 MHz)^aThese authors contributed equally to this work.

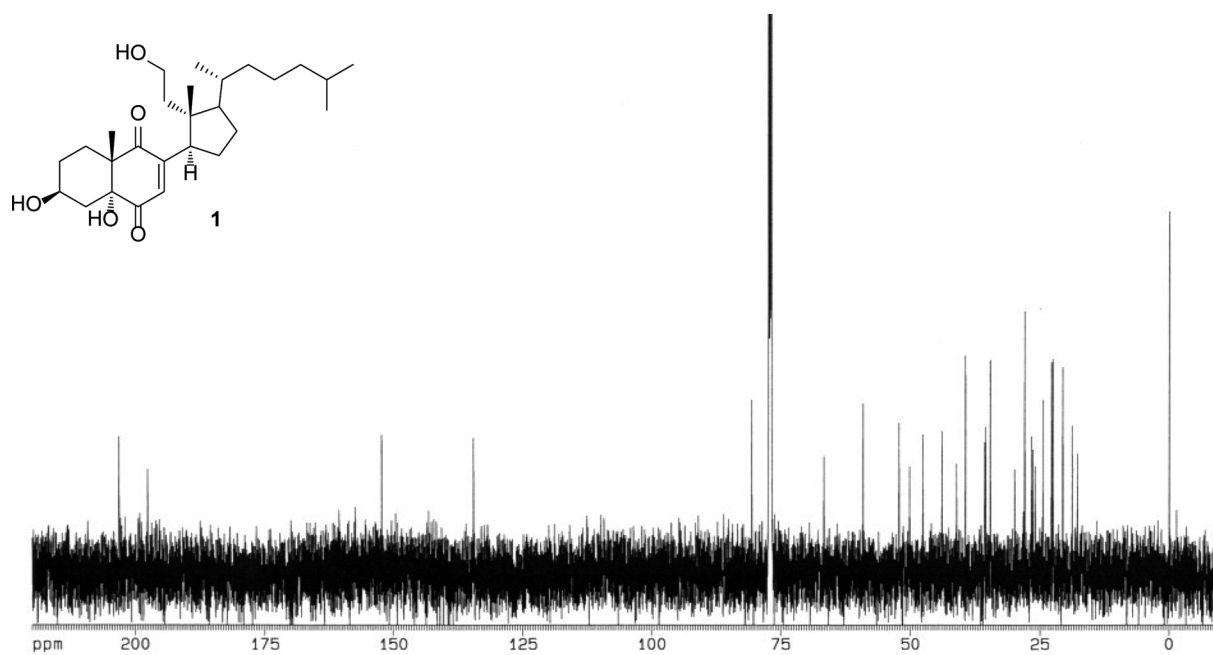


Figure S2. ^{13}C NMR Spectrum of **1** (CDCl₃, 150 MHz)

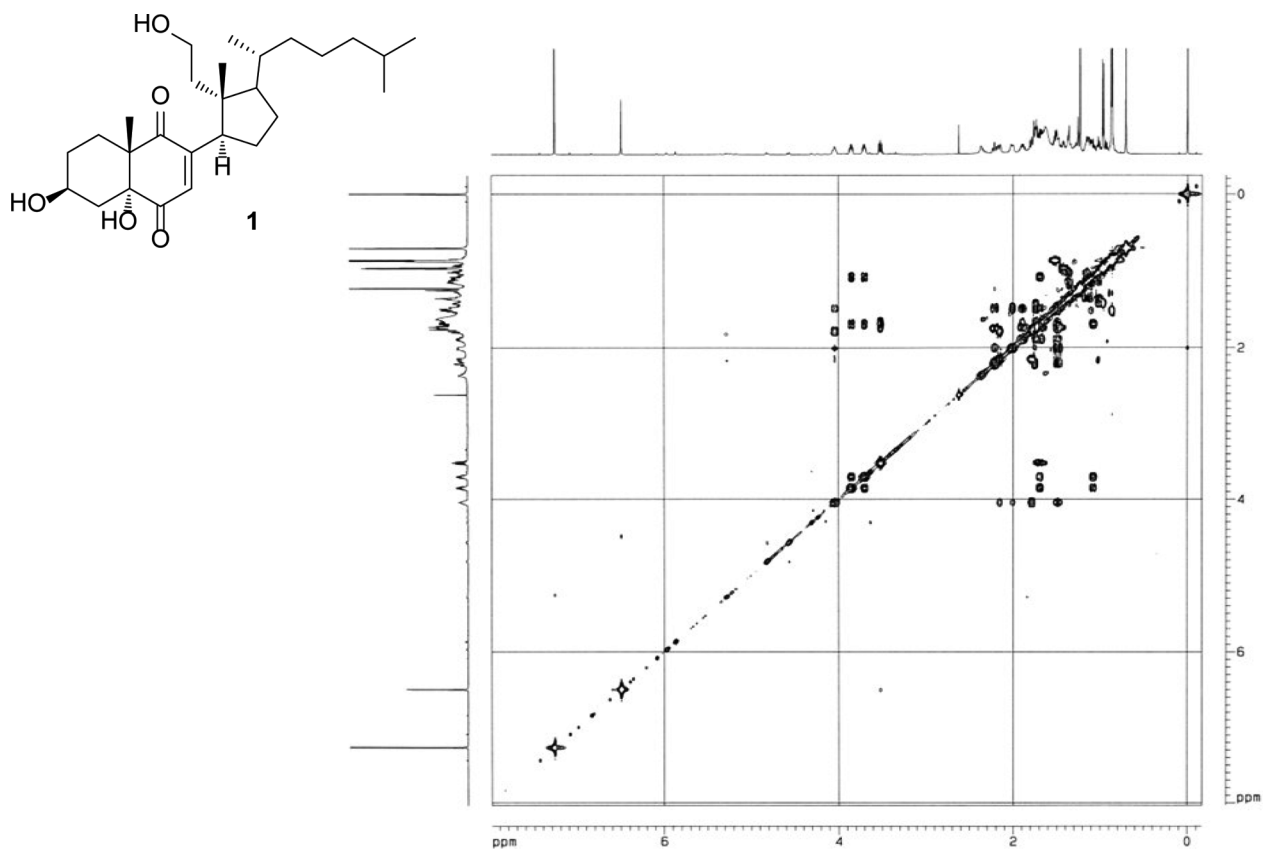


Figure S3. COSY NMR Spectrum of **1** (CDCl₃, 600 MHz)

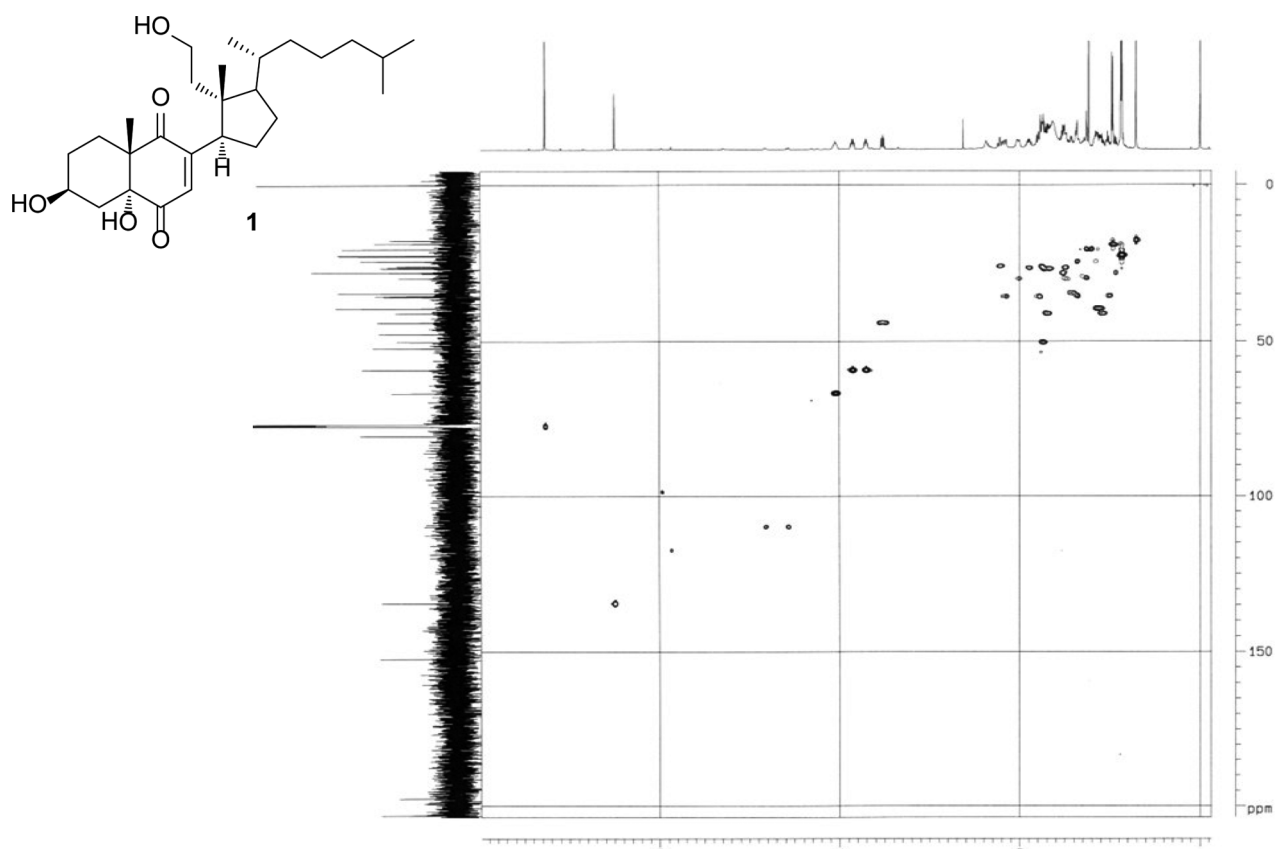


Figure S4. HSQC Spectrum of **1** (CDCl₃, 600 MHz)

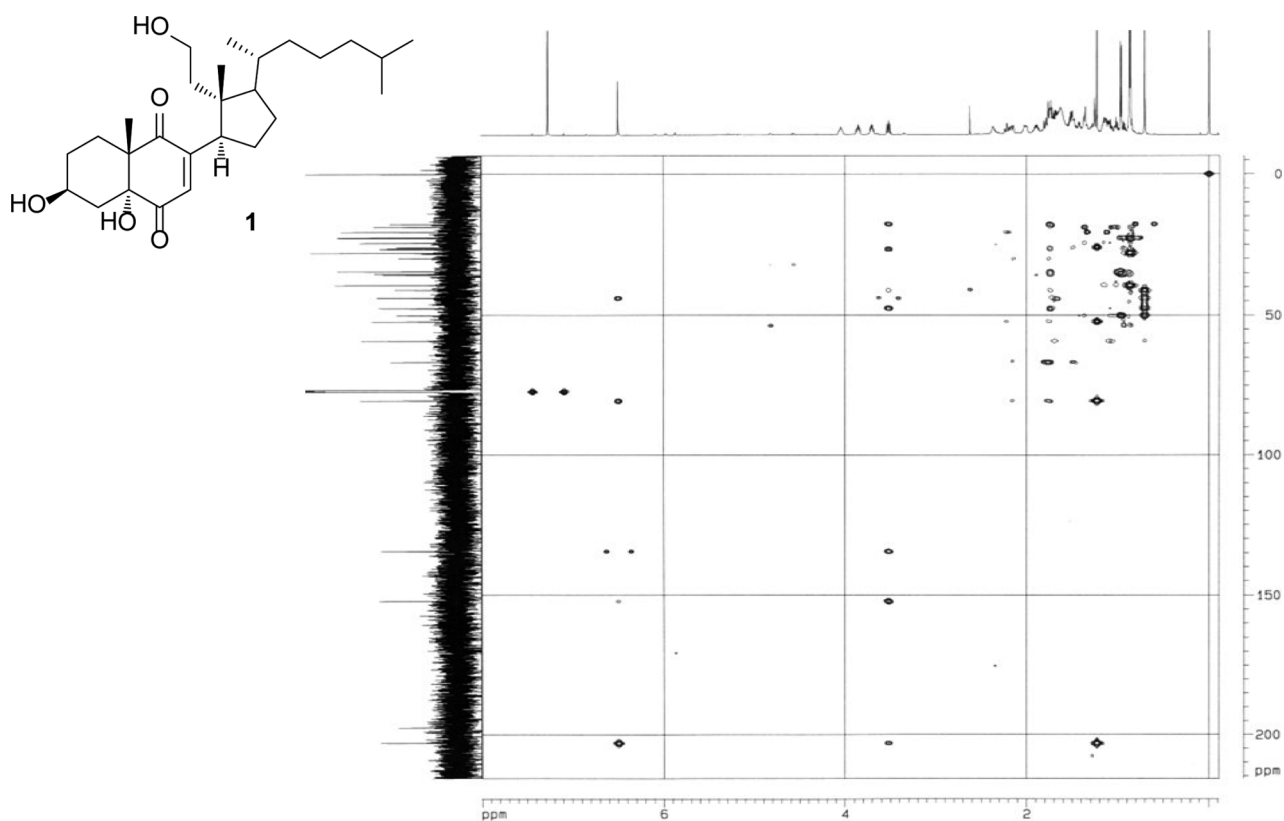


Figure S5. HMBC NMR Spectrum of **1** (CDCl₃, 600 MHz)

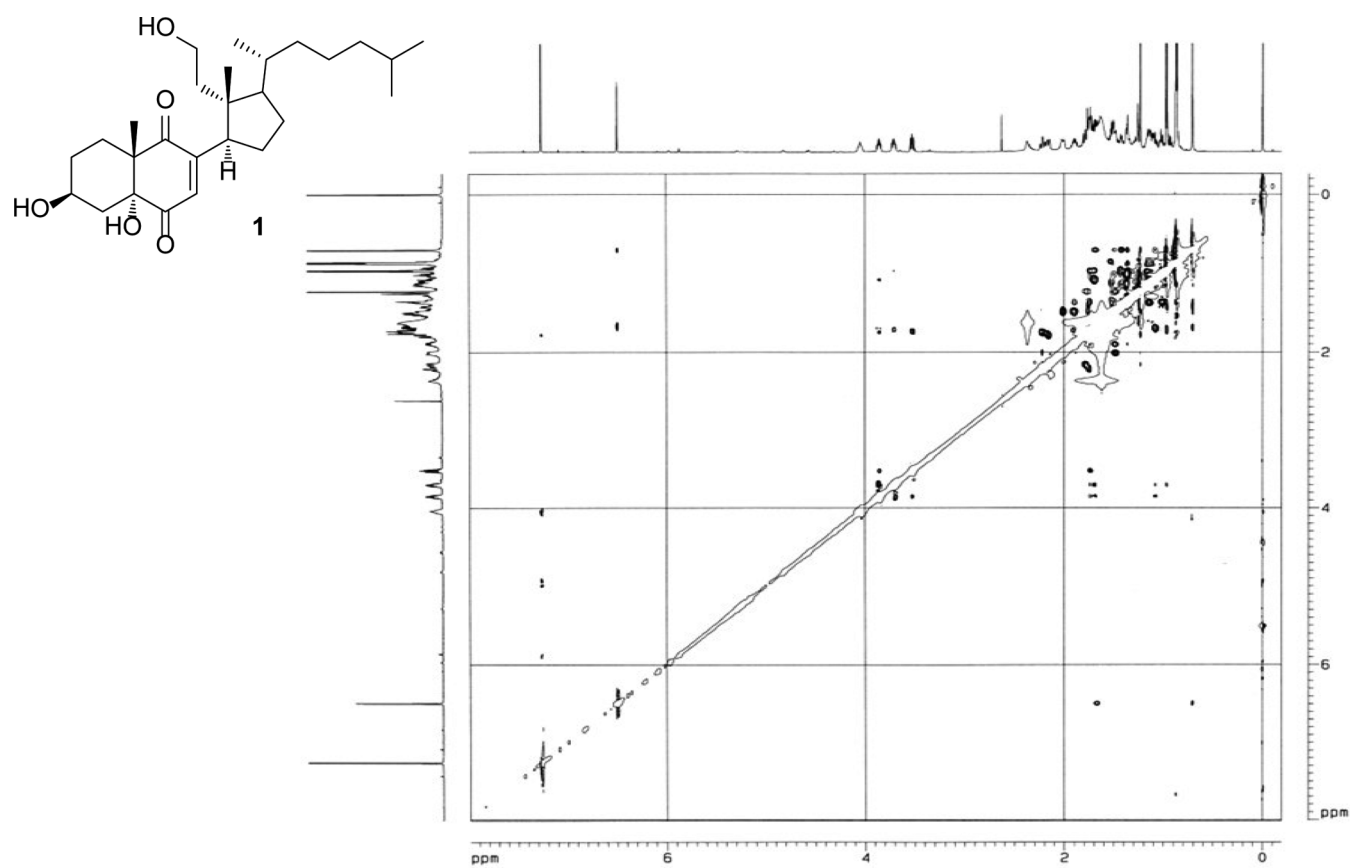


Figure S6. NOESY NMR Spectrum of **1** (CDCl_3 , 600 MHz)