

Supporting Information

for

Varioloid A, a new indolyl-6,10b-dihydro-5aH-[1]benzofuro[2,3-b]indole derivative from the marine alga-derived endophytic fungus *Paecilomyces variotii* EN-291

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20131218-EN291-23_131217150652 #27 RT: 0.69 AV: 1 NL: 2.53E7

T: FTMS + p ESI Full ms [105.00-2000.00]

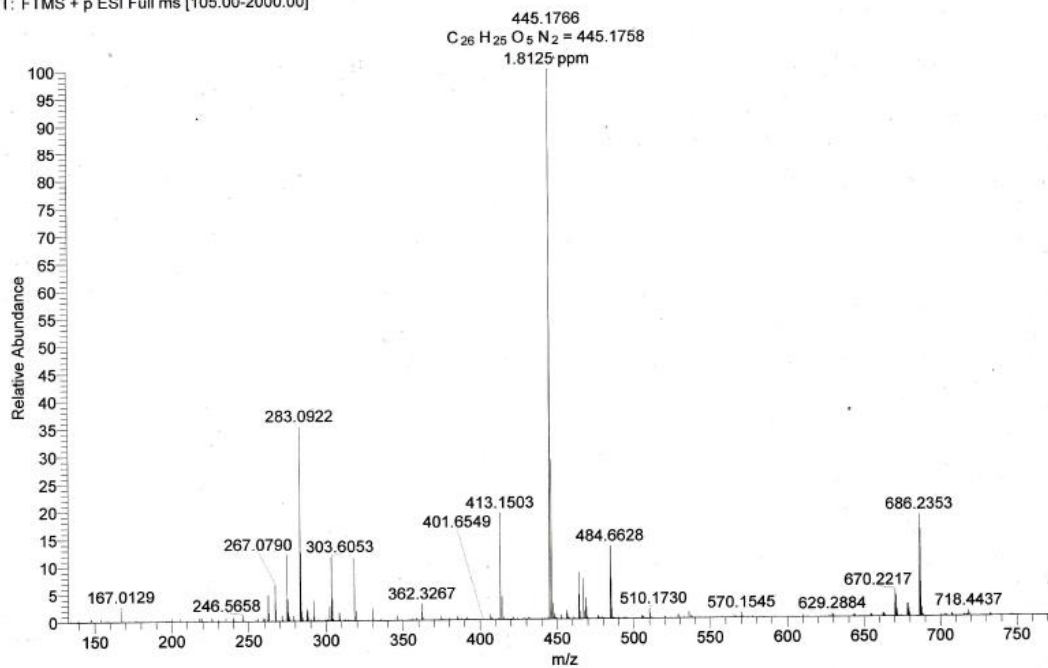
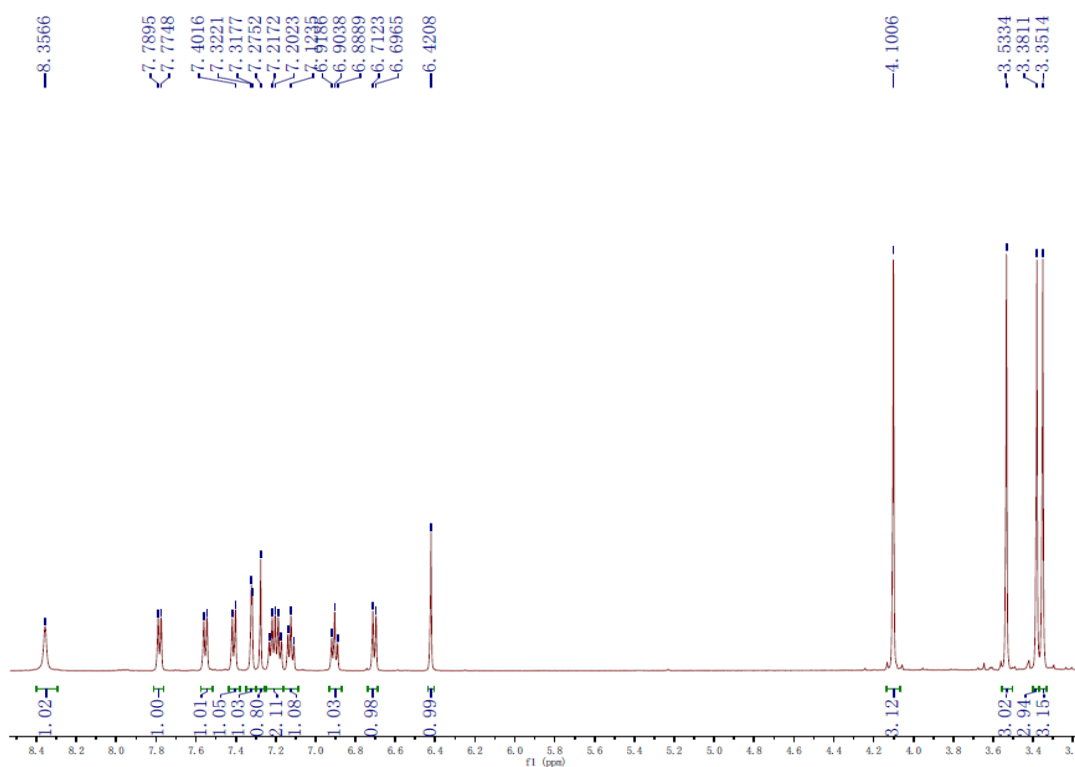


Figure S1: HRMS-ESI spectrum of compound 1.

Figure S2: 1H NMR (500 MHz, $CDCl_3$) of compound 1.

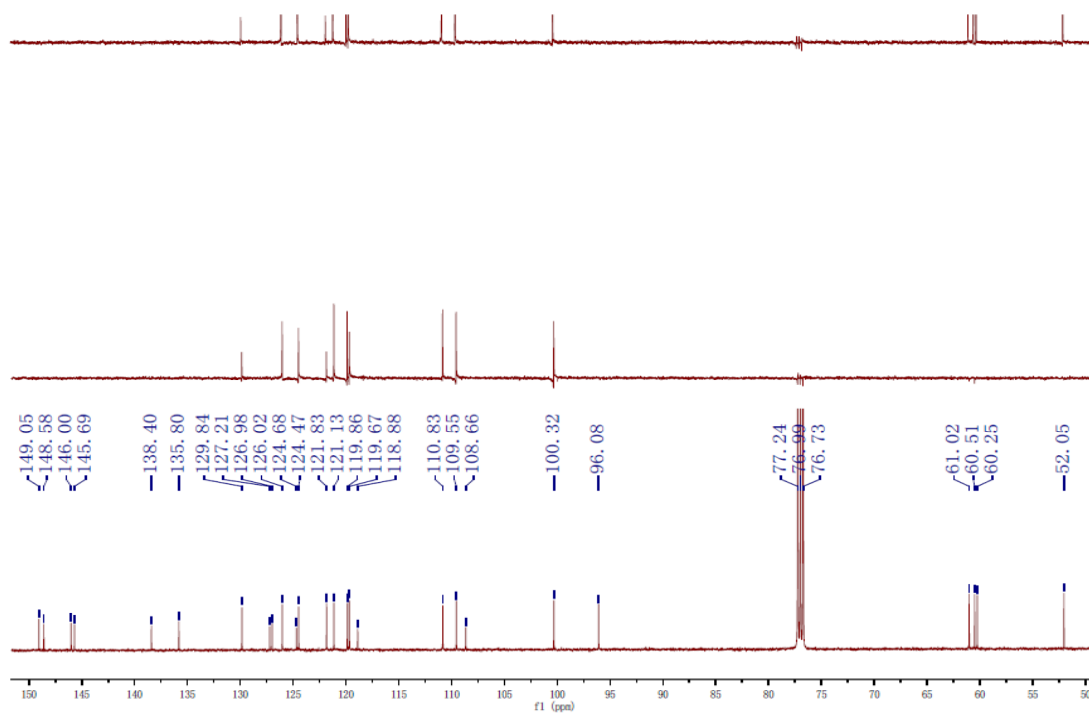


Figure S3: ^{13}C NMR and DEPT (125 MHz, CDCl_3) of compound **1**.

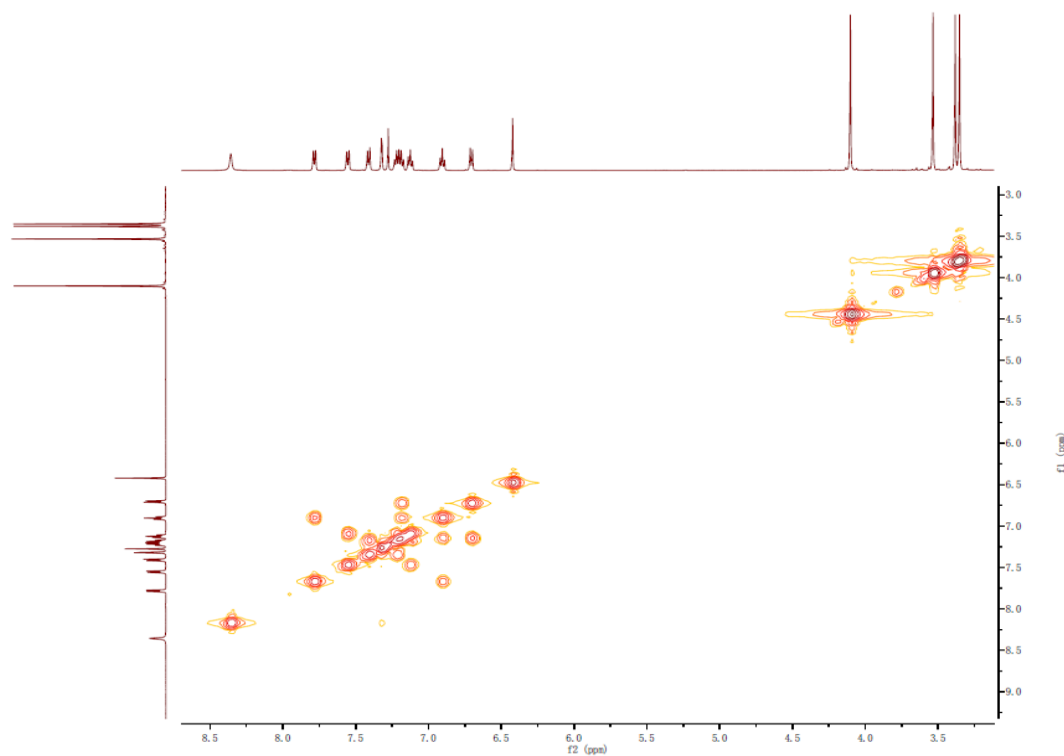


Figure S4: COSY spectrum of compound **1**.

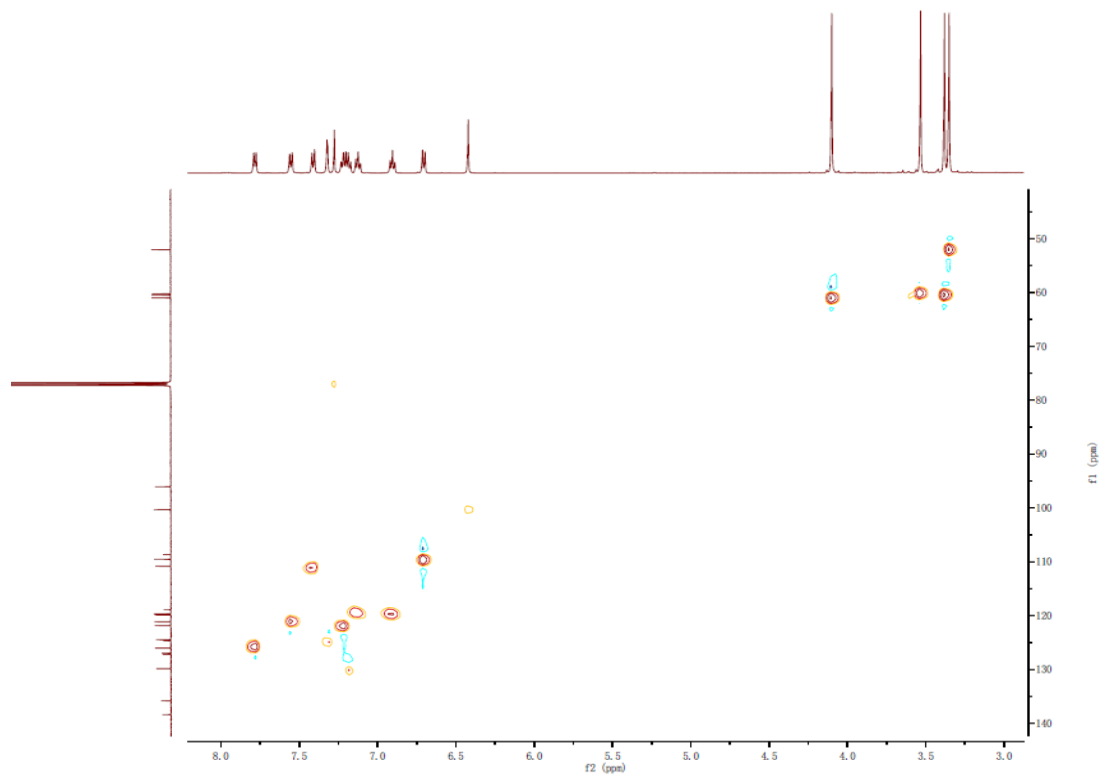


Figure S5: HSQC spectrum of compound **1**.

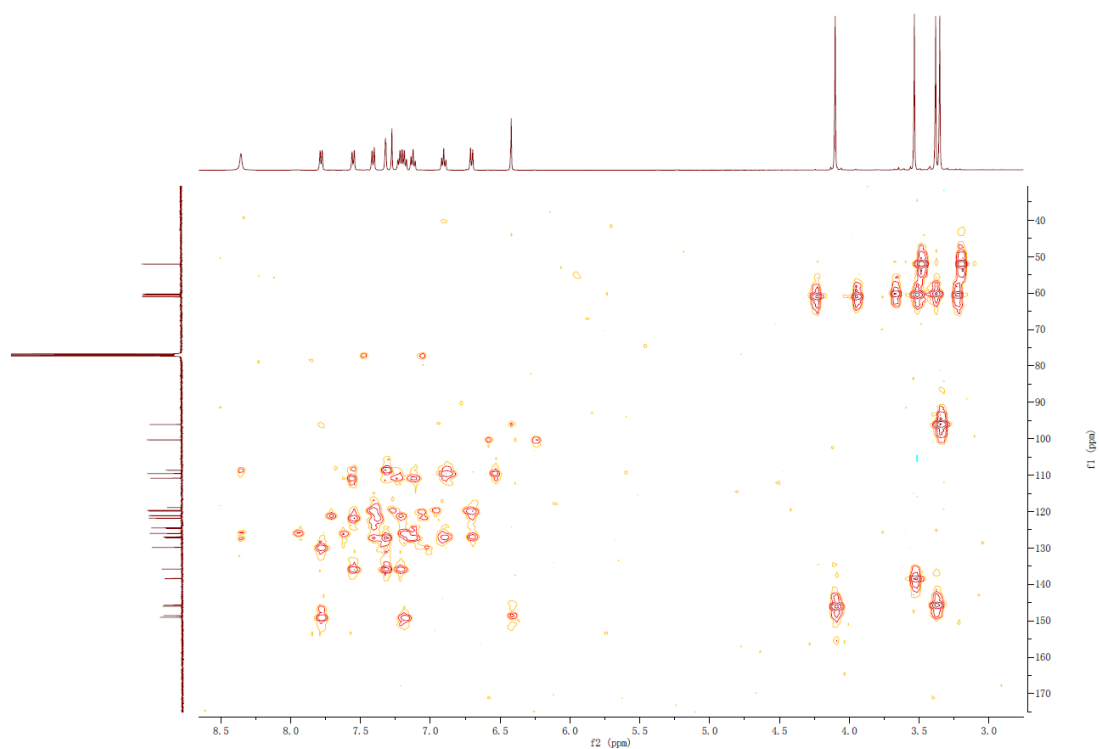


Figure S6: HMBC spectrum of compound **1**.

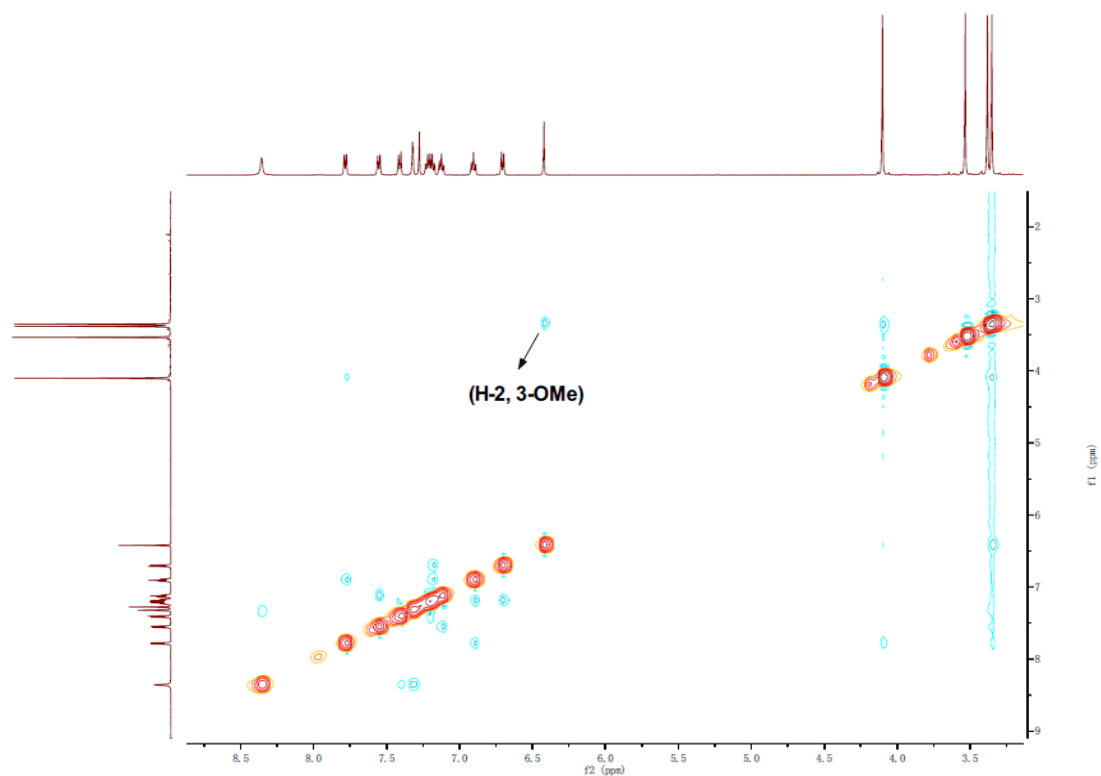


Figure S7: NOESY spectrum of compound **1**.

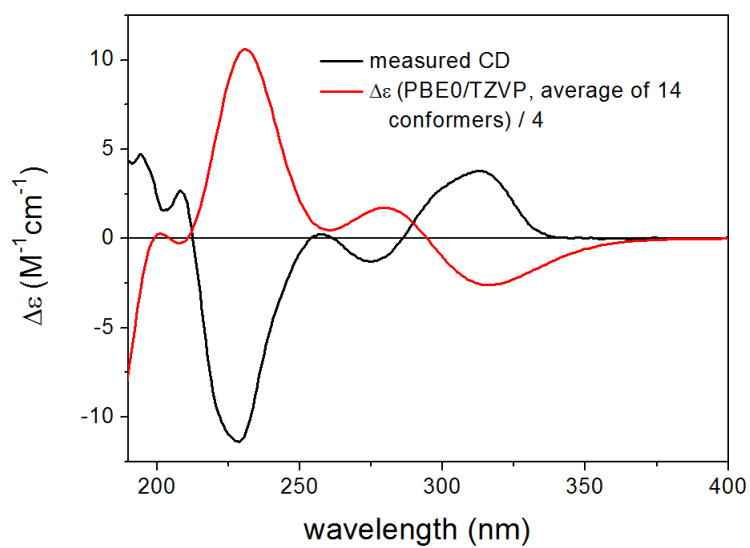


Figure S8: Computed solvent model ECD spectrum (PBE0/TZVP PCM/MeCN) of compound **1**. Level of DFT optimization: B97D/TZVP PCM/MeCN.

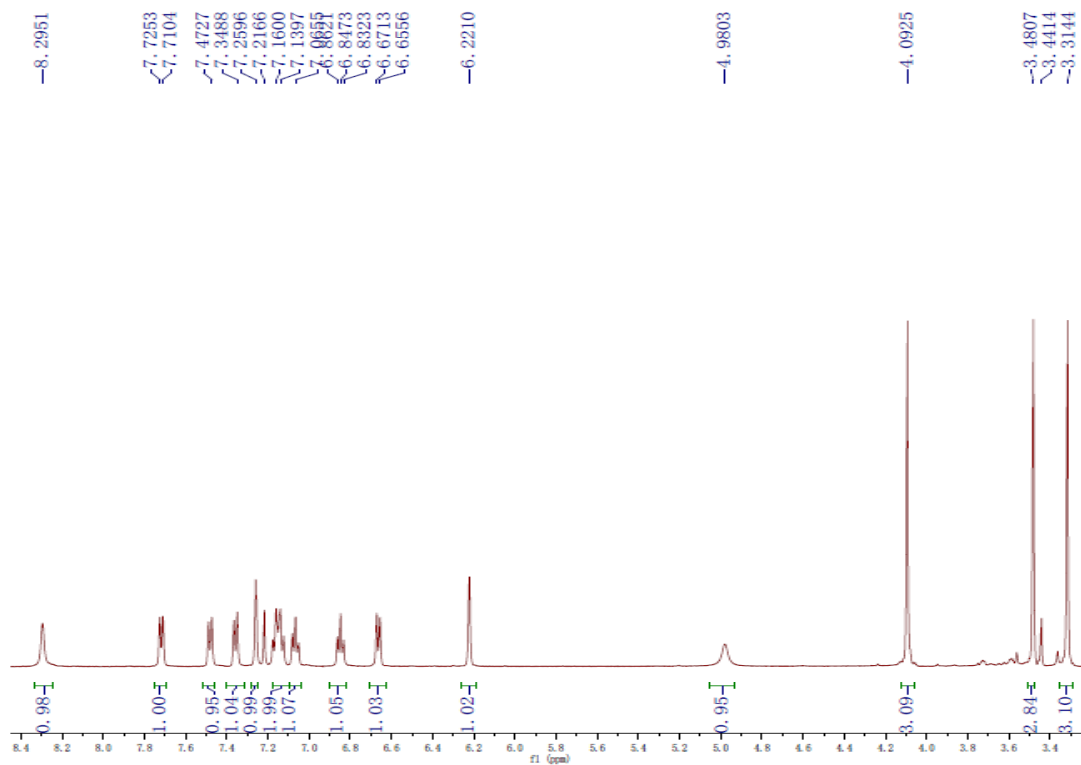


Figure S9: ^1H NMR (500 MHz, CDCl_3) of compound **2**.

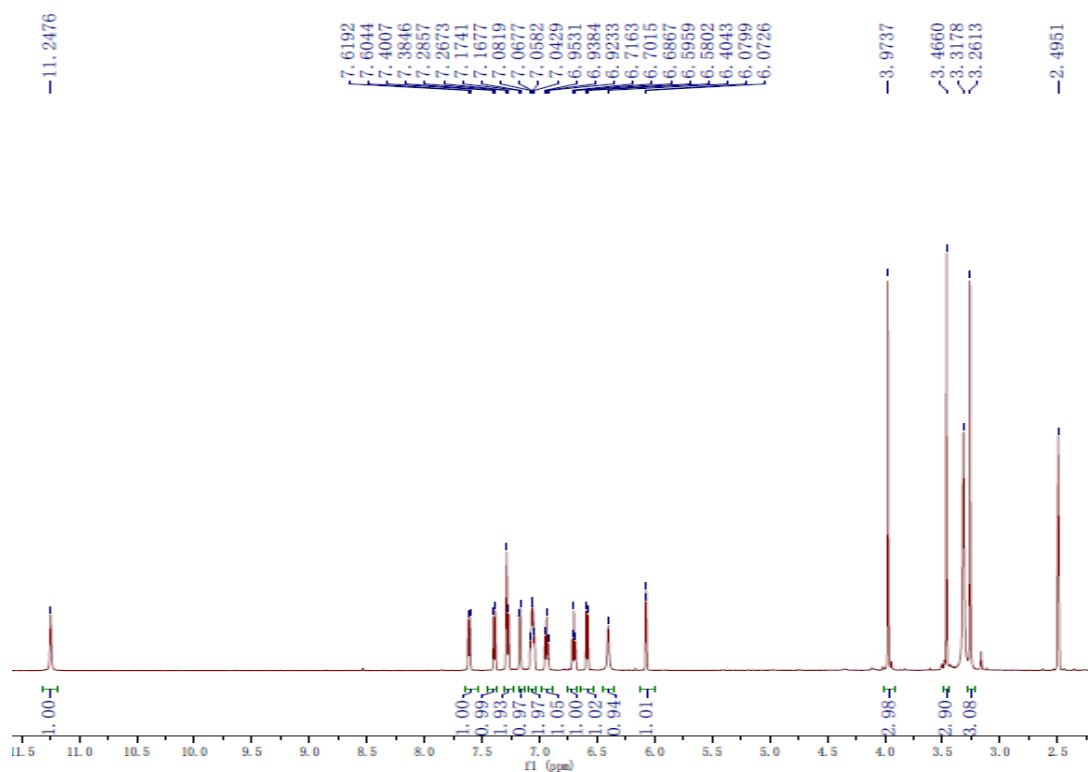


Figure S10: ^1H NMR (500 MHz, $\text{DMSO}-d_6$) of compound **2**.

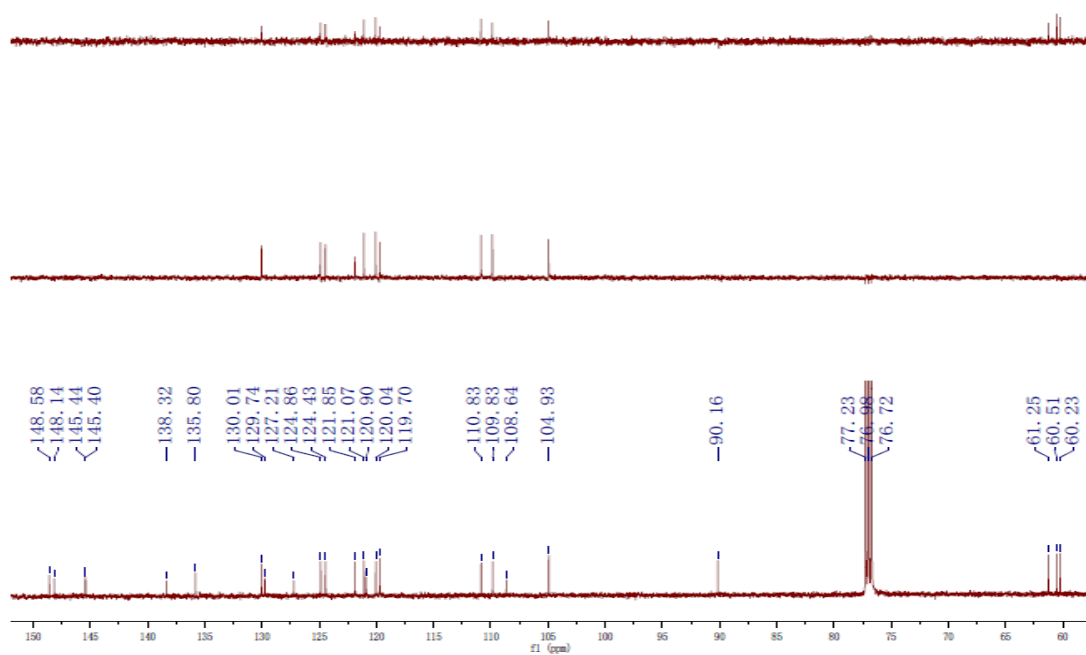


Figure S11: ^{13}C NMR and DEPT (125 MHz, CDCl_3) of compound **2**.

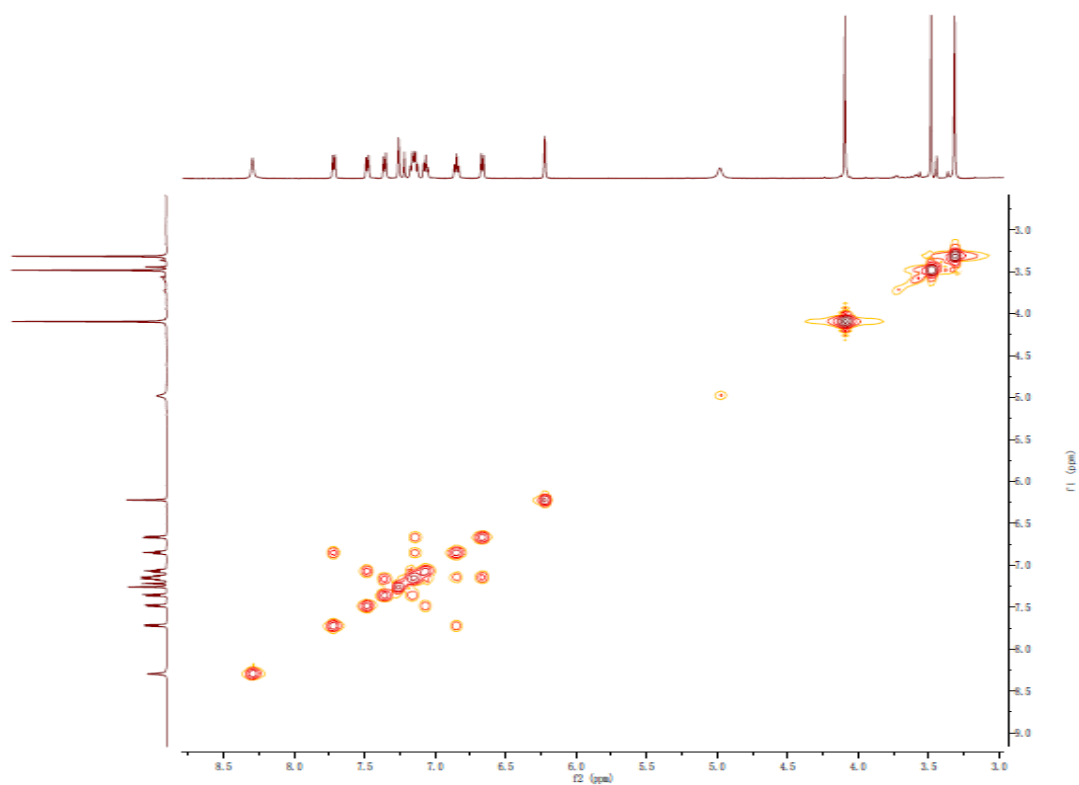


Figure S12: COSY spectrum of compound **2**.

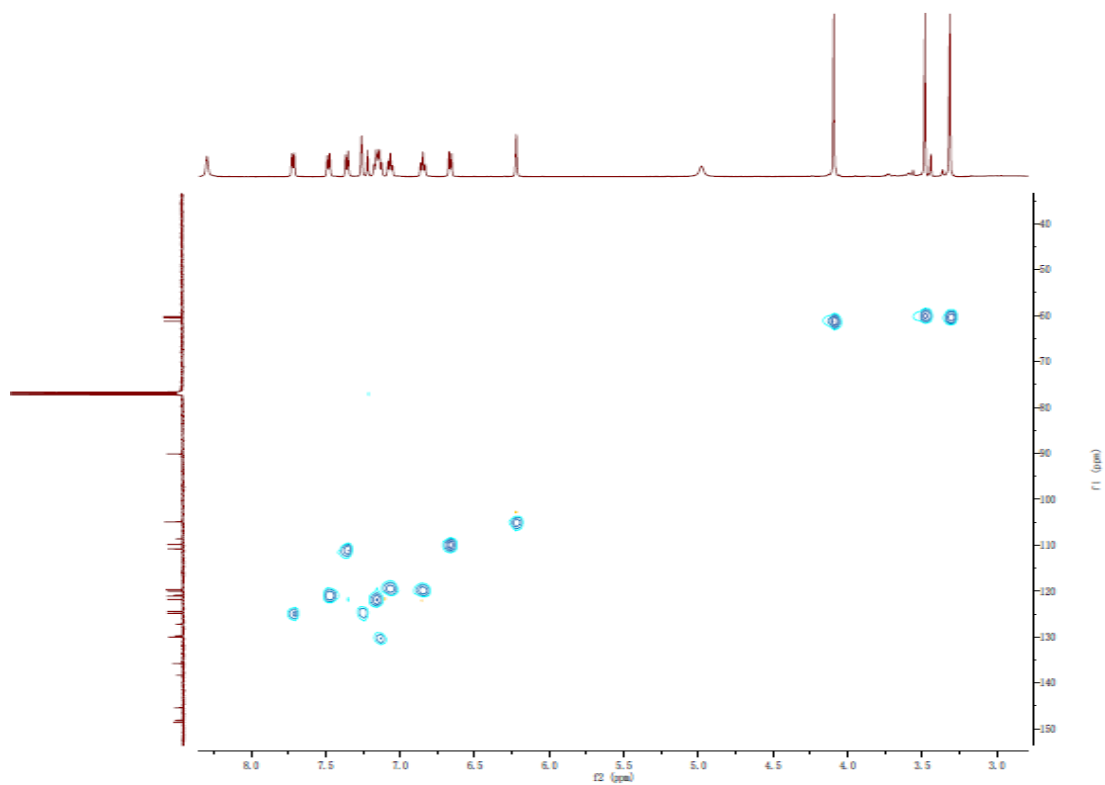


Figure S13: HSQC spectrum of compound **2**.

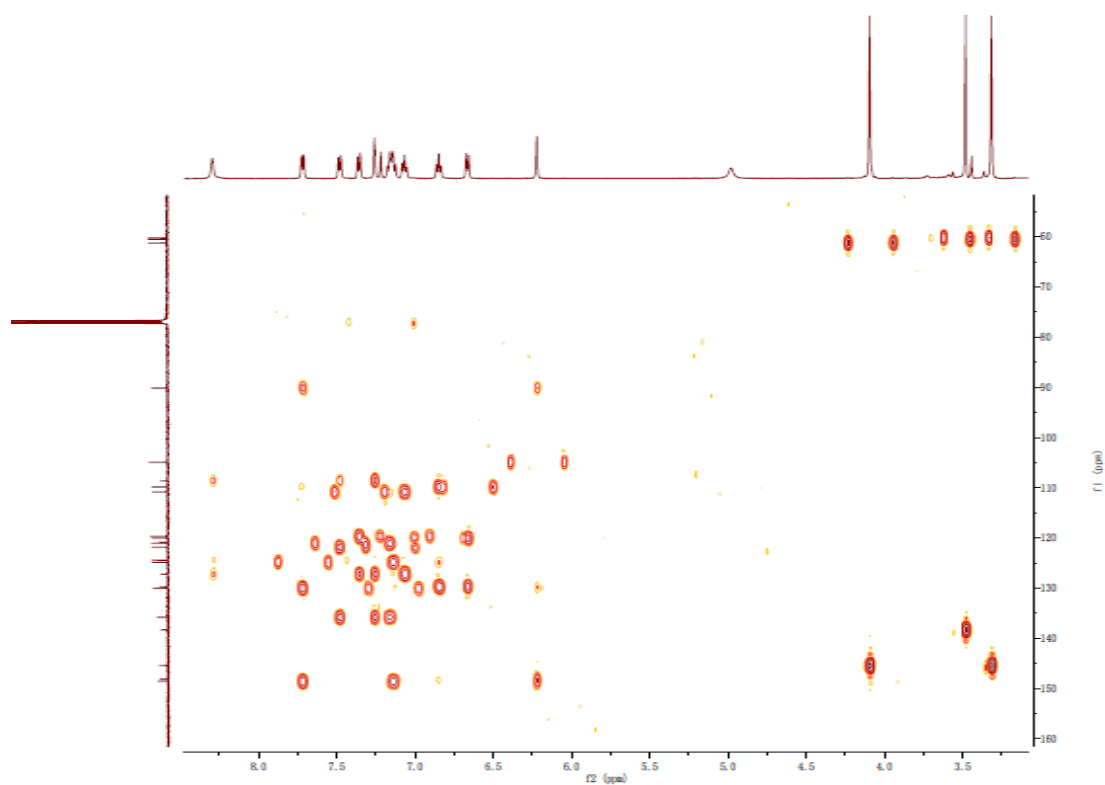


Figure S14: HMBC spectrum of compound **2**.

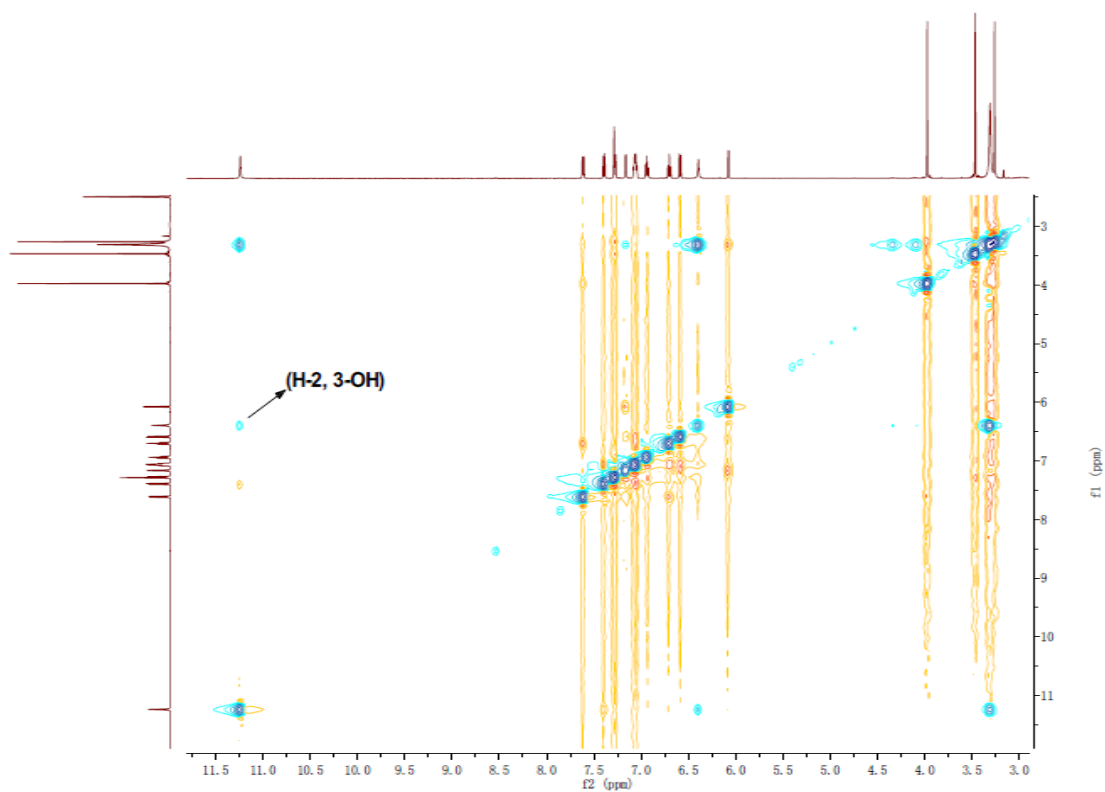


Figure S15: NOESY spectrum (DMSO-*d*₆) of compound 2.