Supplementary Material

Prenylated Phenol and Benzofuran Derivatives from *Aspergillus terreus* EN-539, an Endophytic Fungus Derived from Marine Red Alga *Laurencia okamurai*

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Content

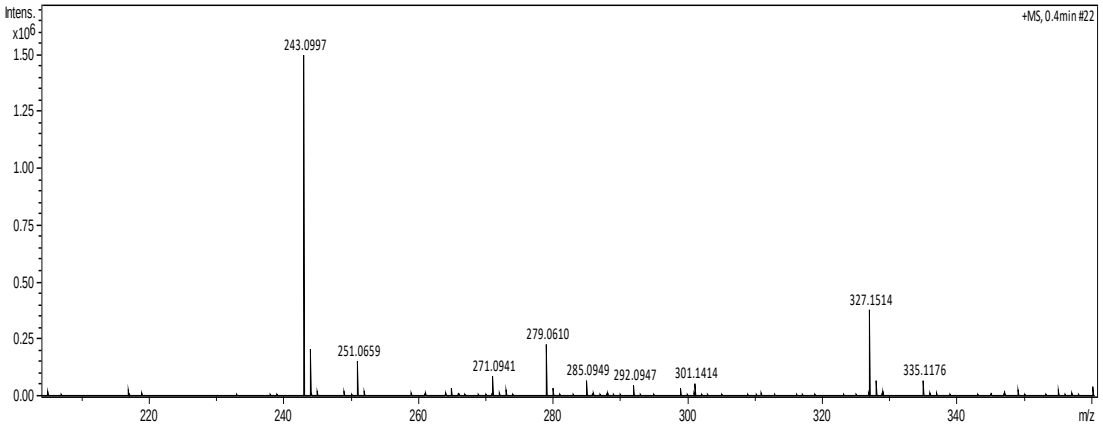

Fig. S1 HRESIMS spectrum of compound **1**.

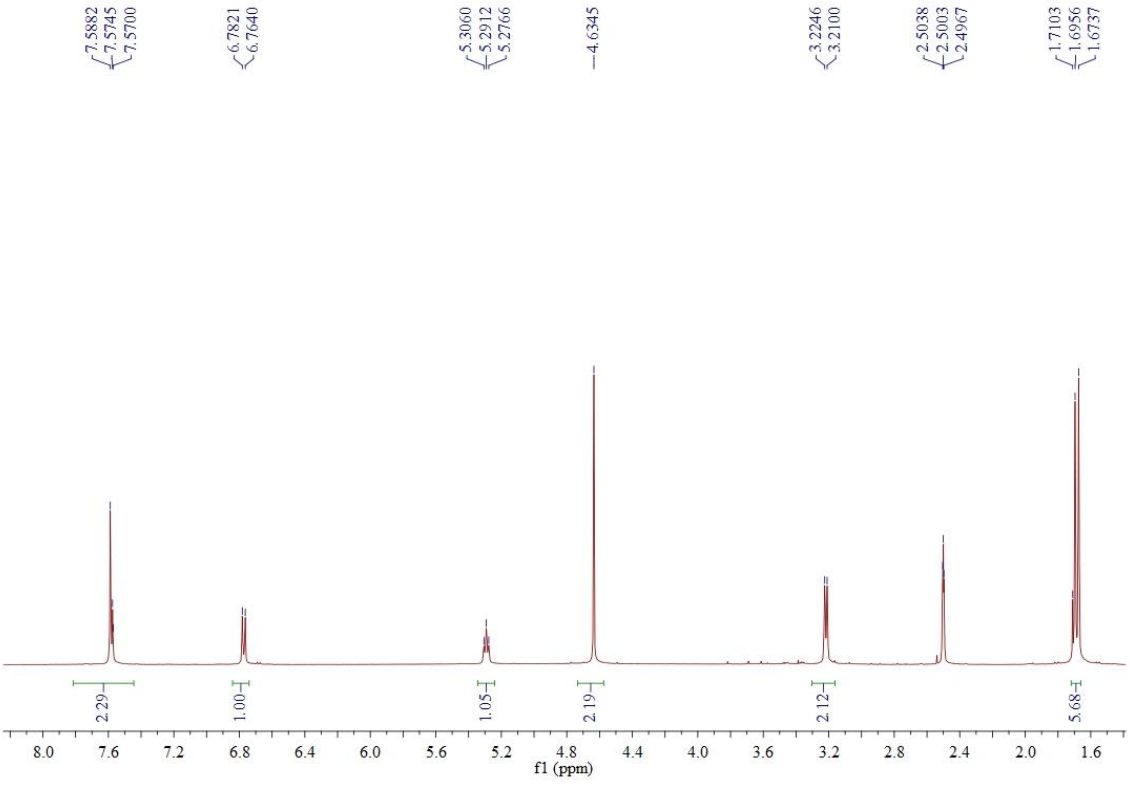

Fig. S2 ^{1}H NMR (500 MHz, DMSO-d_6) of compound **1**.

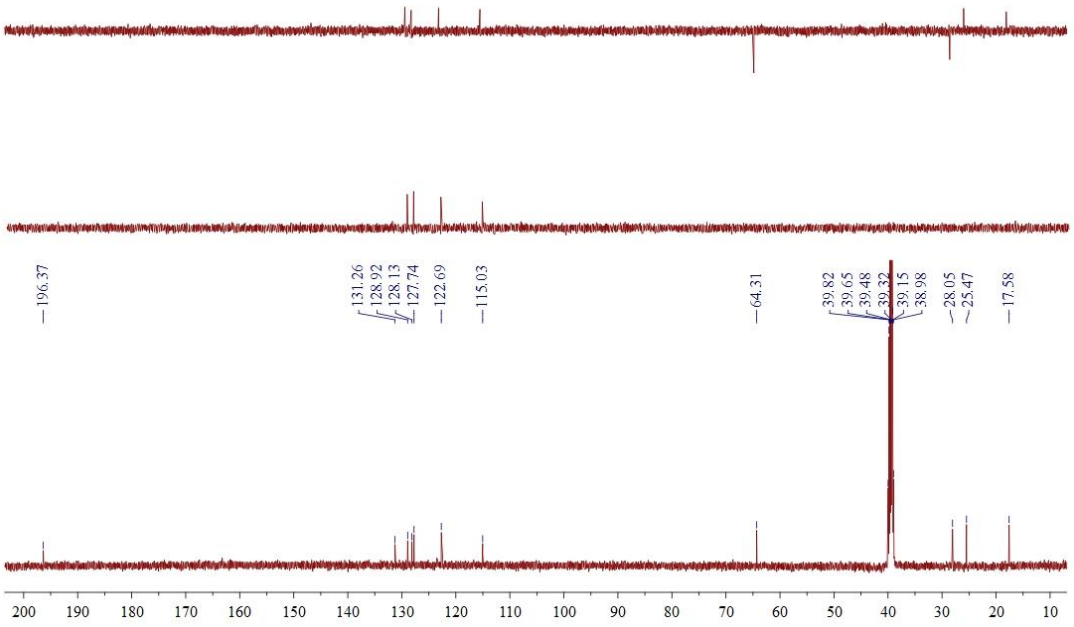

Fig. S3 ^{13}C NMR and DEPT (125 MHz, DMSO-d_6) of compound **1**.

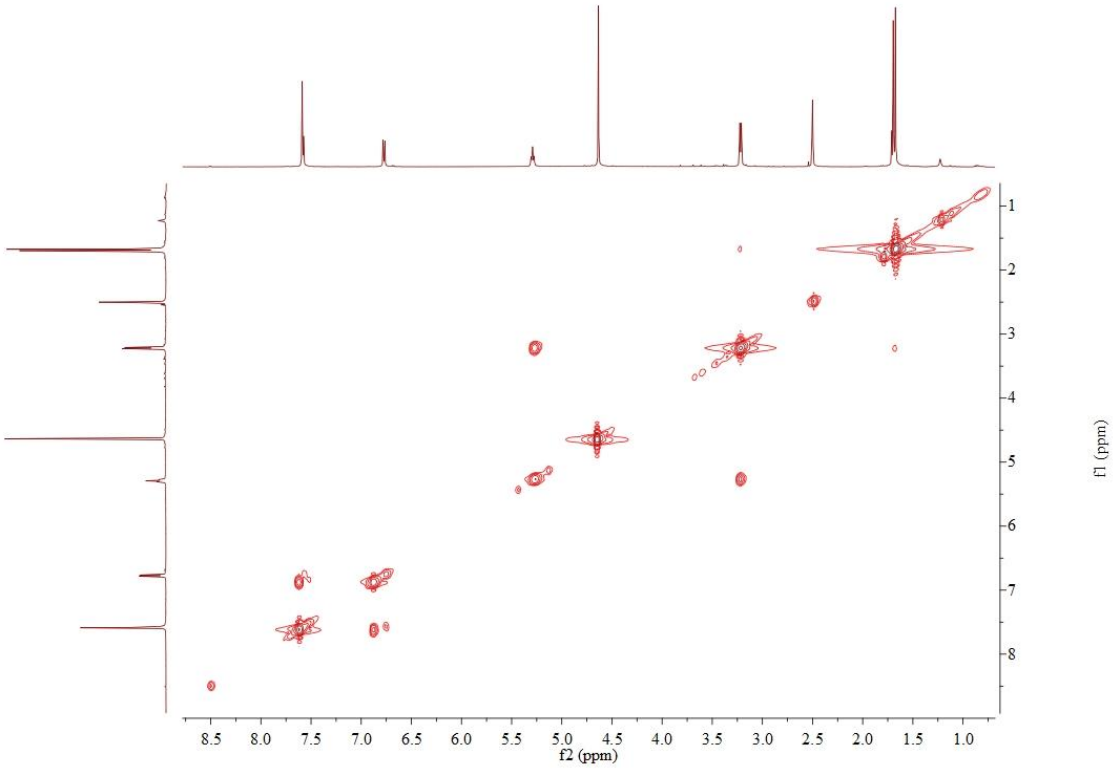

Fig. S4 COSY spectrum of compound **1**.

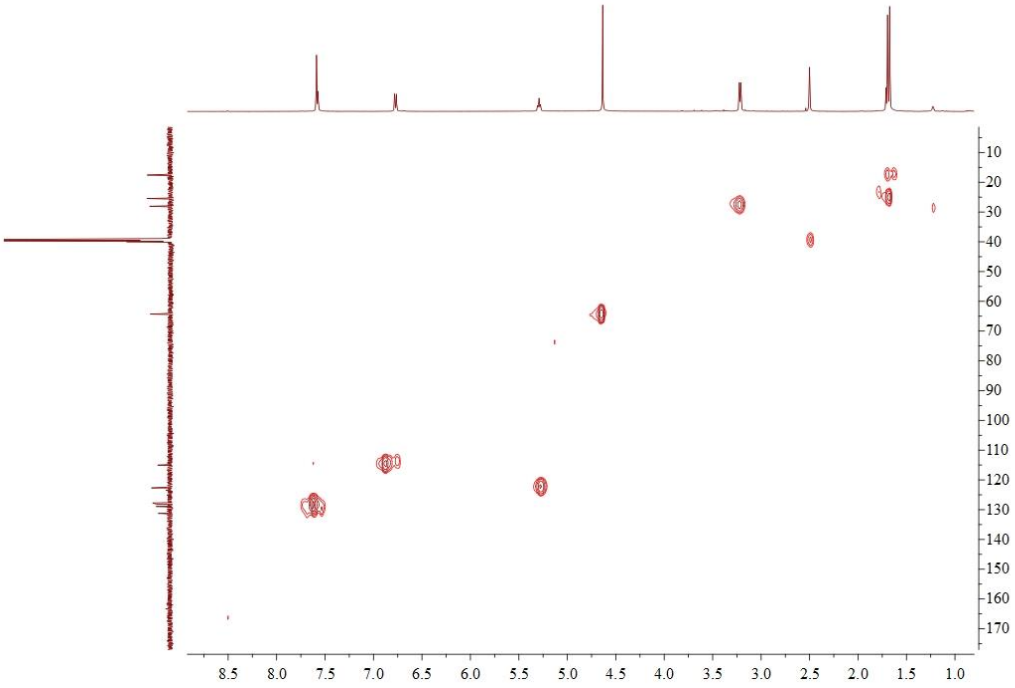

Fig. S5 HSQC spectrum of compound **1**.

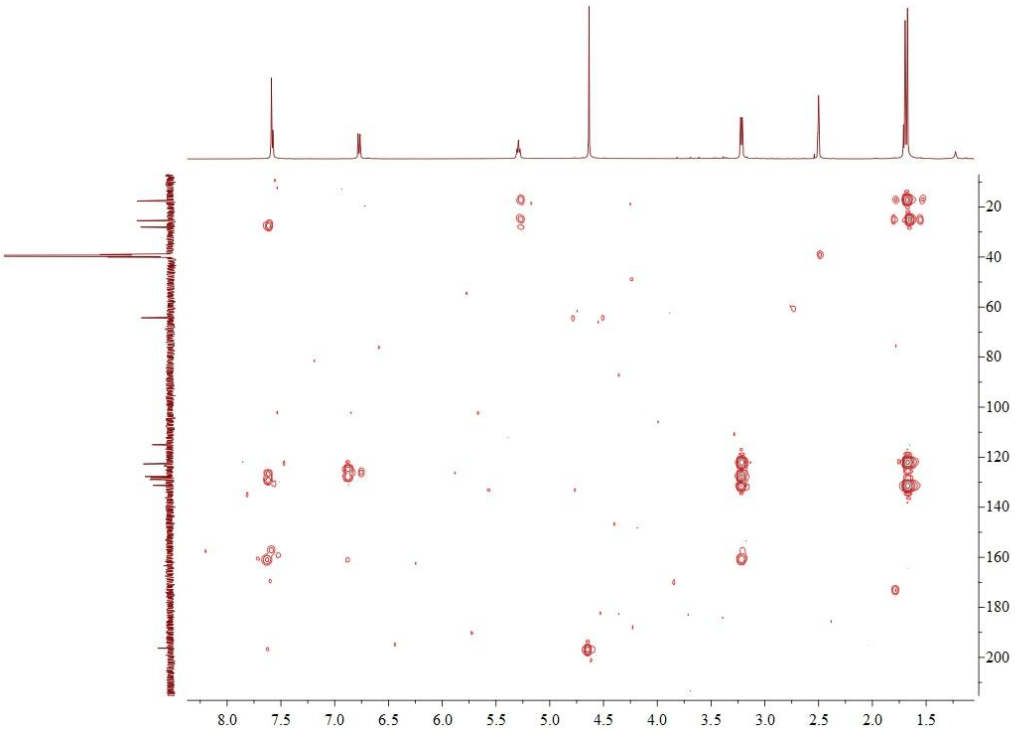

Fig. S6 HMBC spectrum of compound **1**.

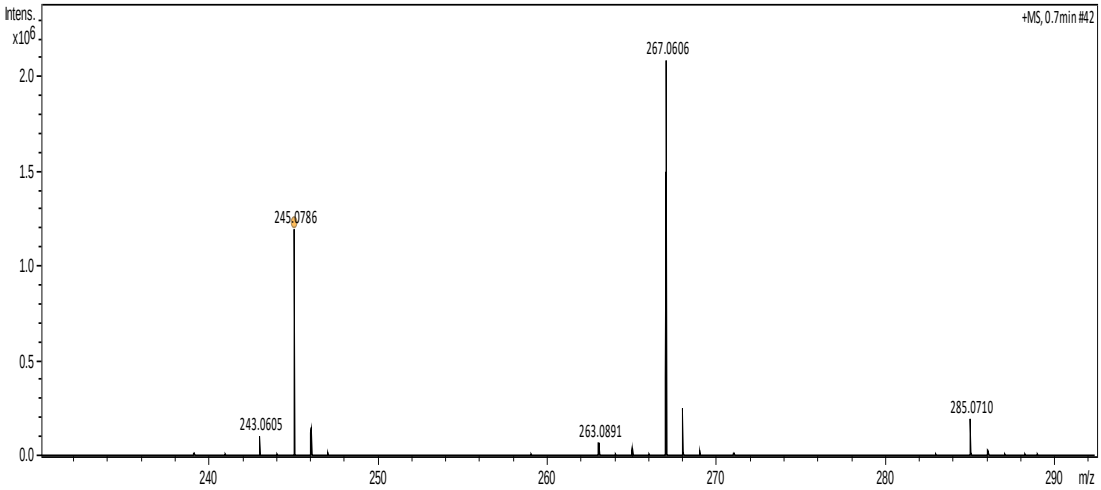

Fig. S7 HRESIMS spectrum of compound **2**.

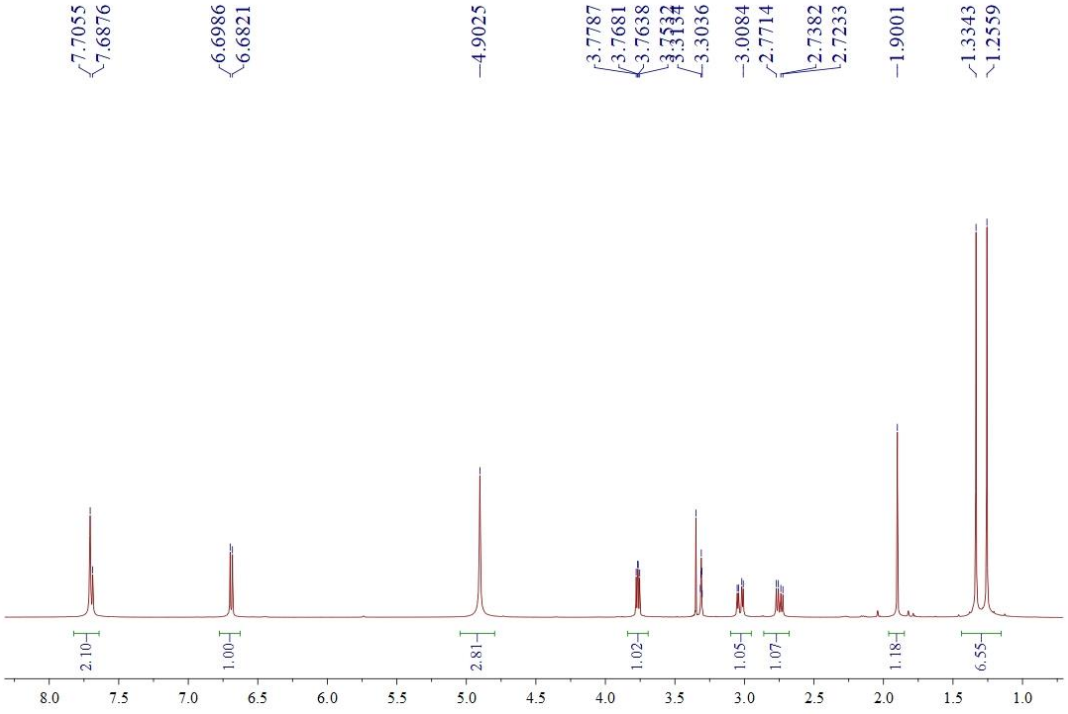

Fig. S8 ^{1}H NMR (500 MHz, CD_3OD) of compound **2**.

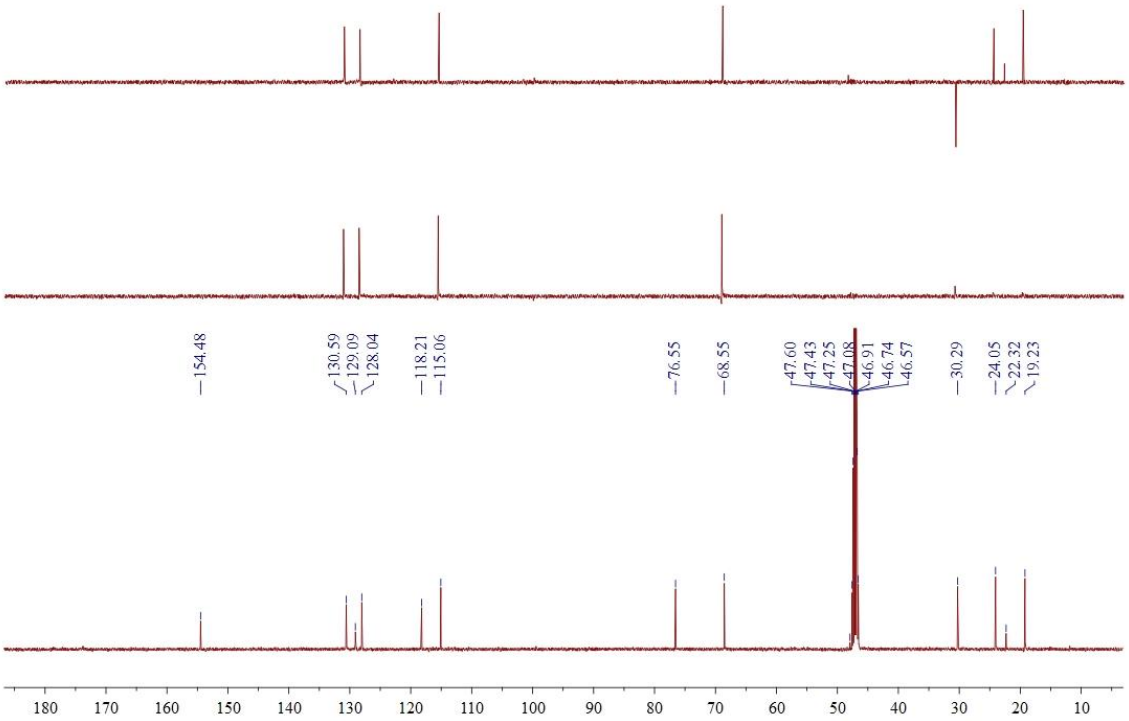

Fig. S9 ^{13}C NMR and DEPT (125 MHz, CD_3OD) of compound **2**.

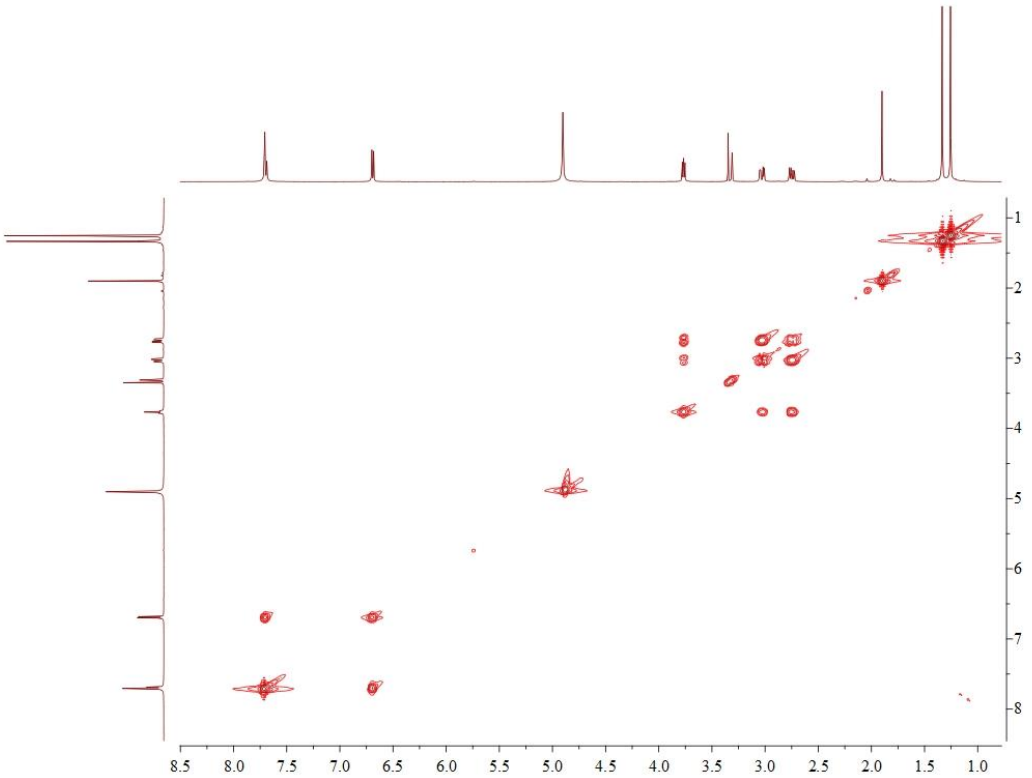

Fig. S10 COSY spectrum of compound **2**.

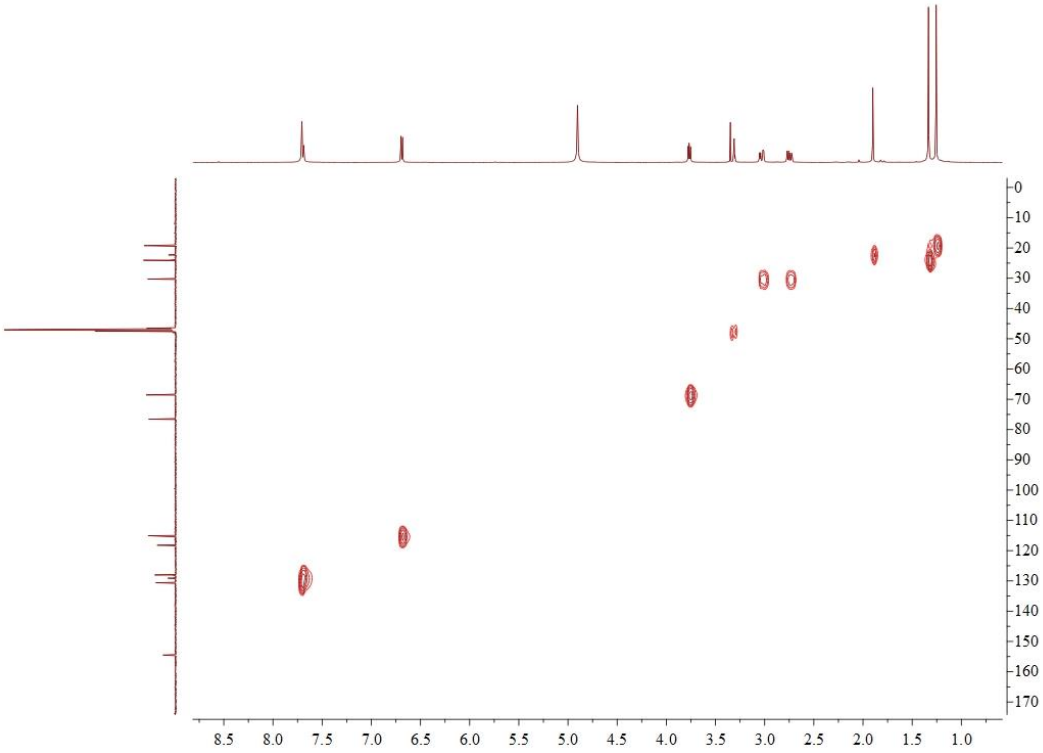

Fig. S11 HSQC spectrum of compound **2**.

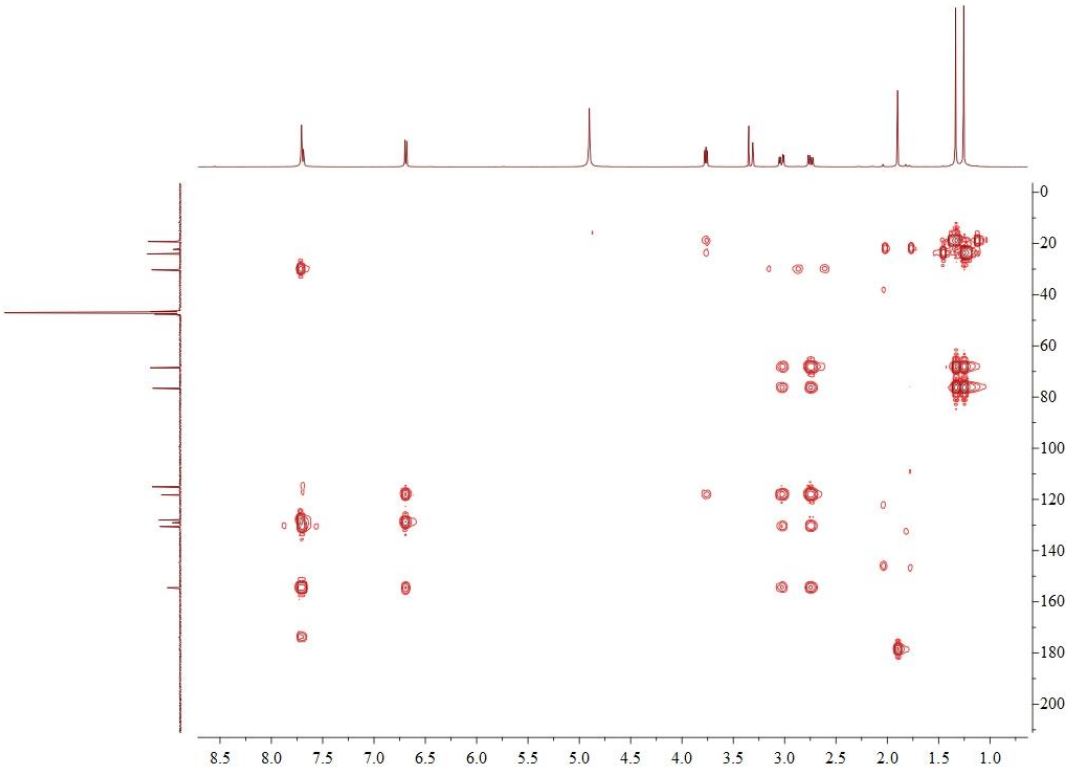

Fig. S12 HMBC spectrum of compound **2**.

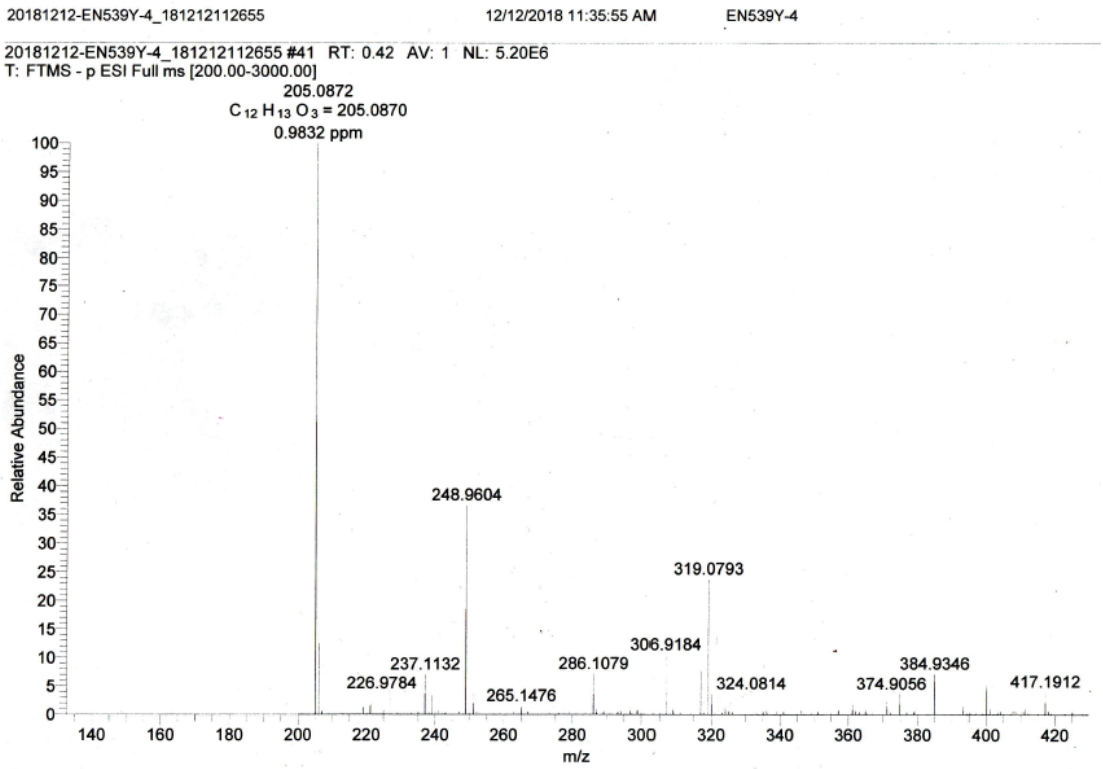

Fig. S13 HRESIMS spectrum of compound **3**.

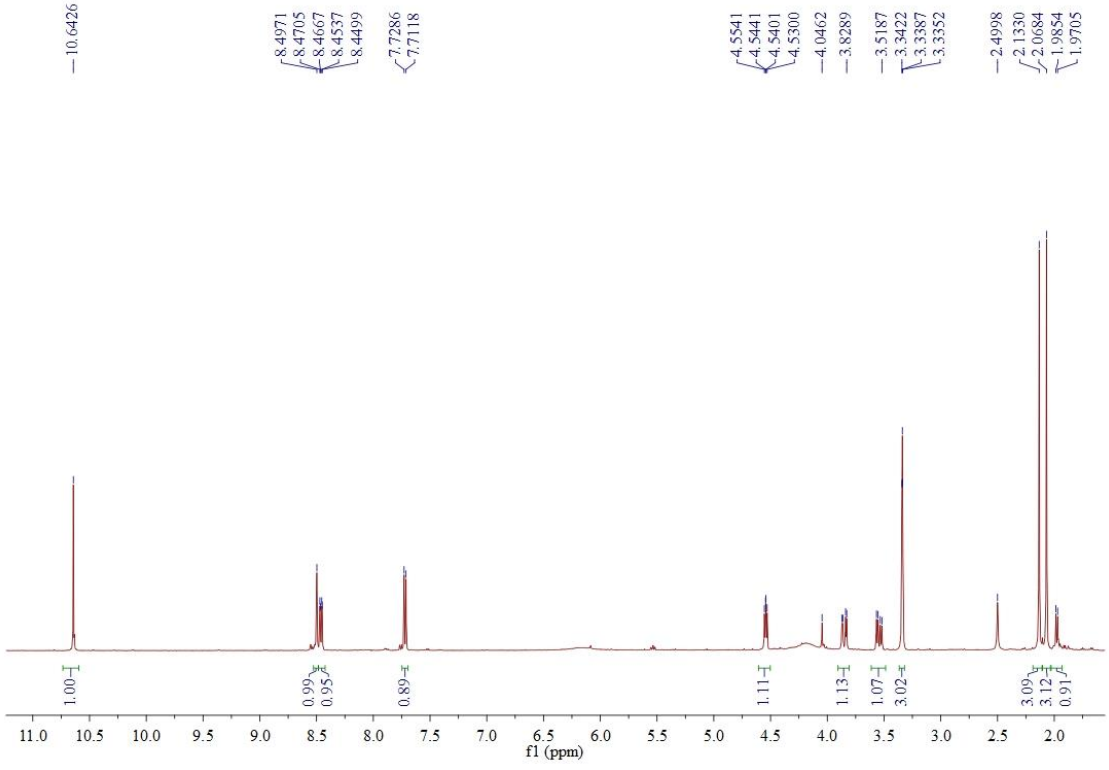

Fig. S14 ^{1}H NMR (500 MHz, DMSO-d_6) of compound **3**.

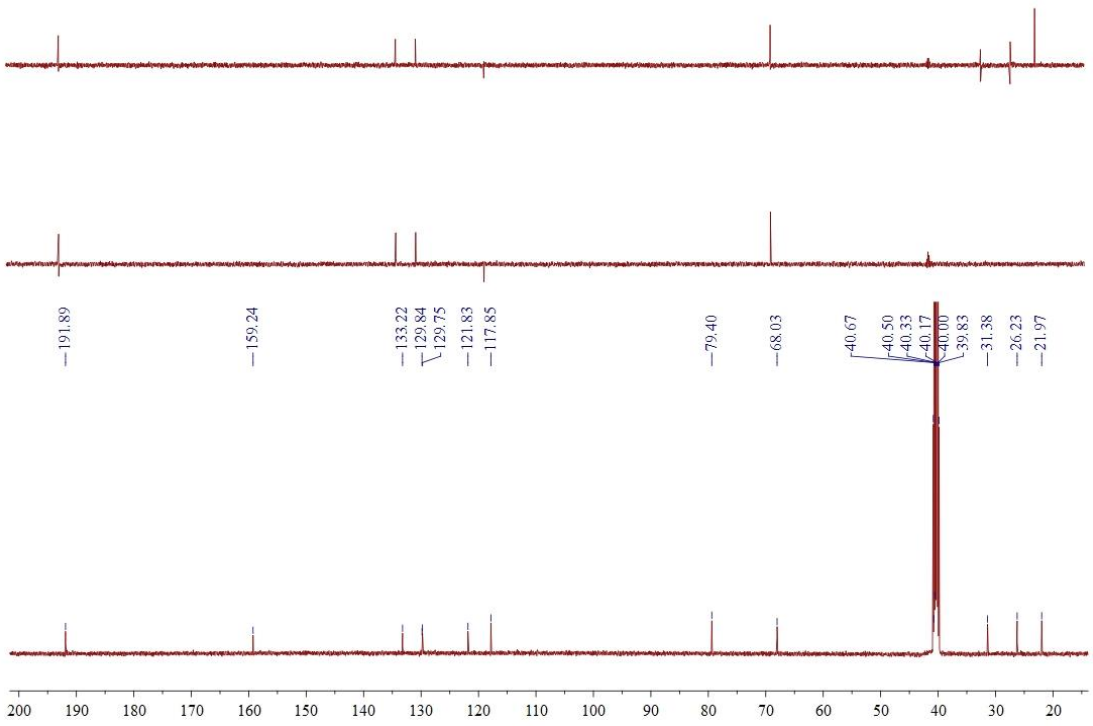

Fig. S15 ^{13}C NMR and DEPT (125 MHz, DMSO-d_6) of compound **3**.

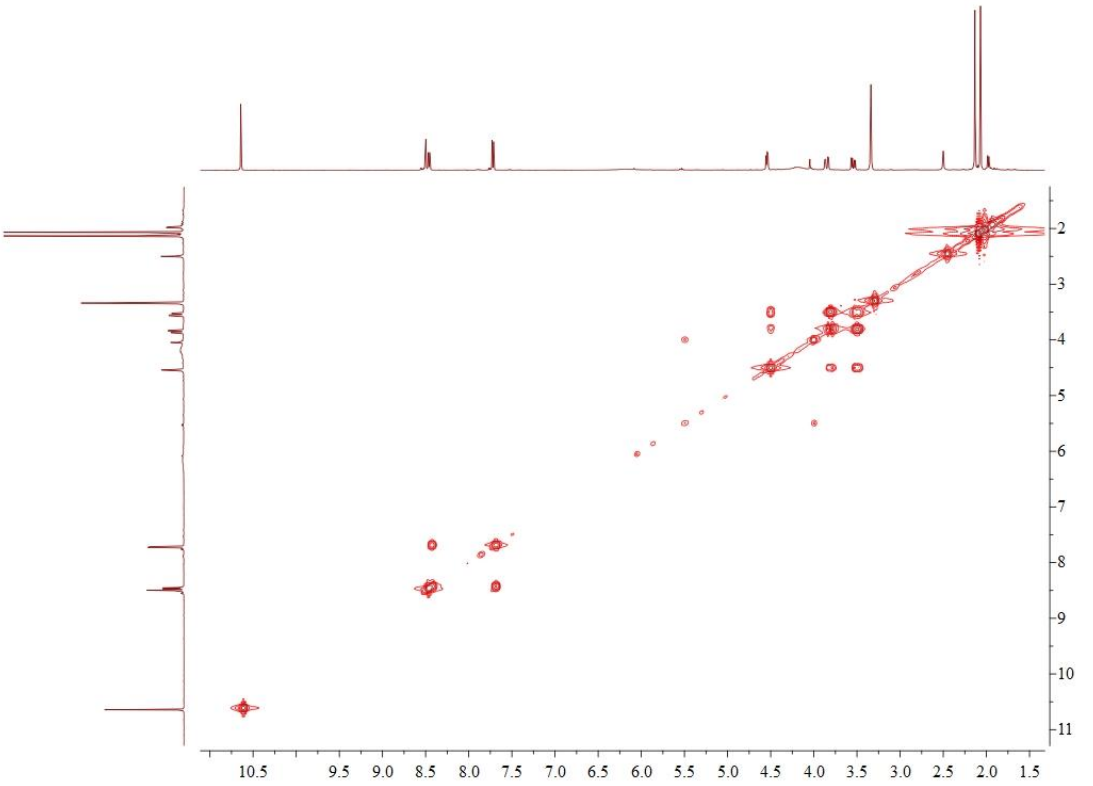

Fig. S16 COSY spectrum of compound **3**.

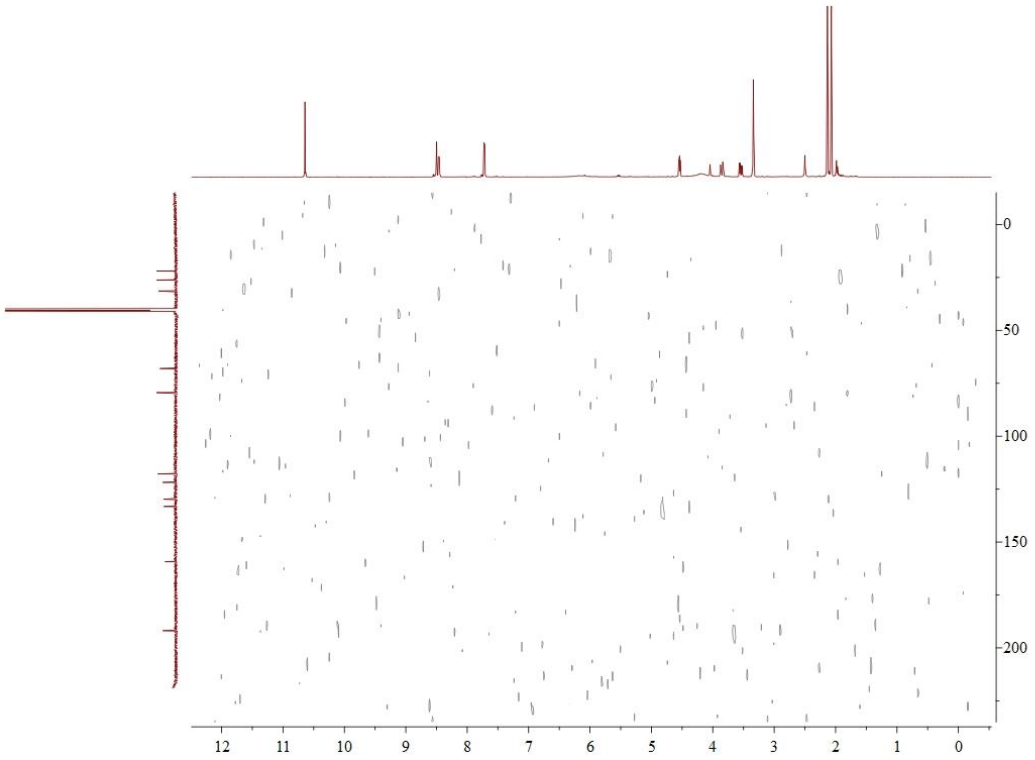

Fig. S17 HSQC spectrum of compound **3**.

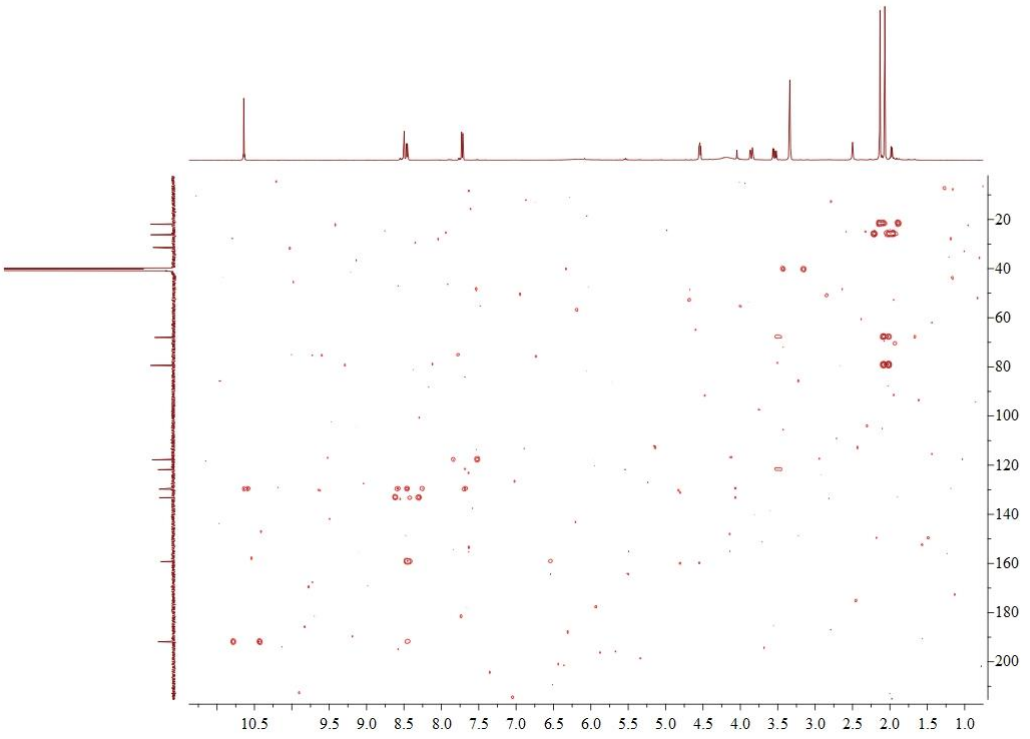

Fig. S18 HMBC spectrum of compound **3**.

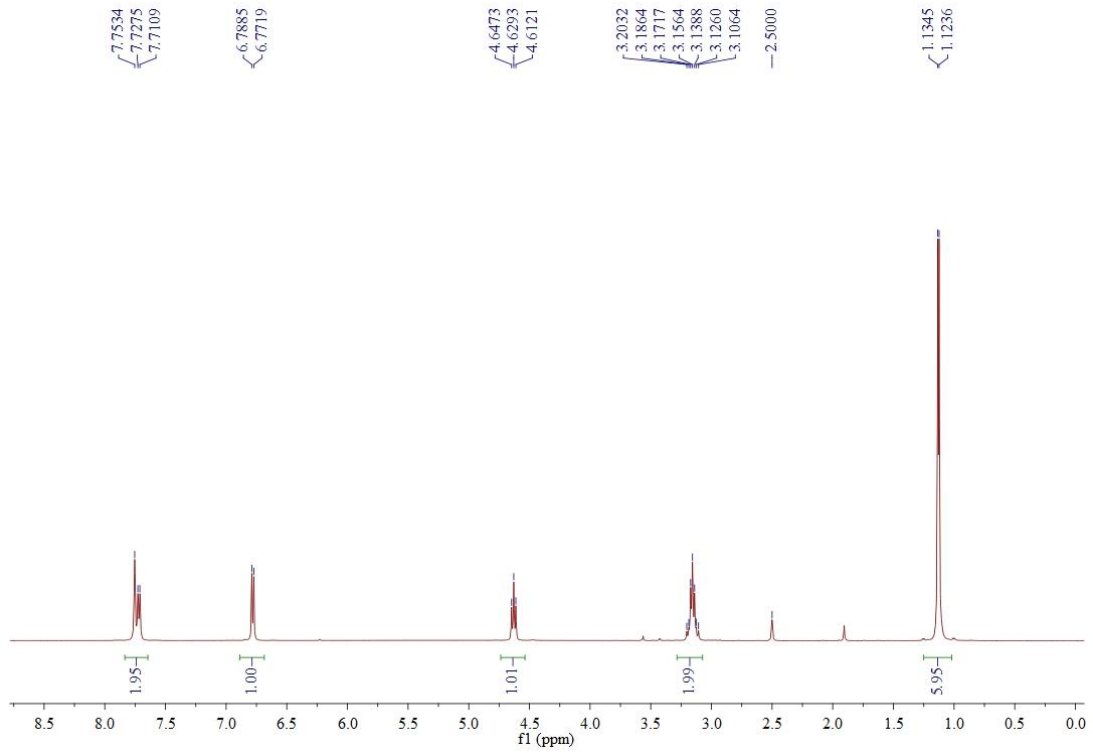

Fig. S19 ^{1}H NMR (500 MHz, DMSO-d_6) of compound **4**.

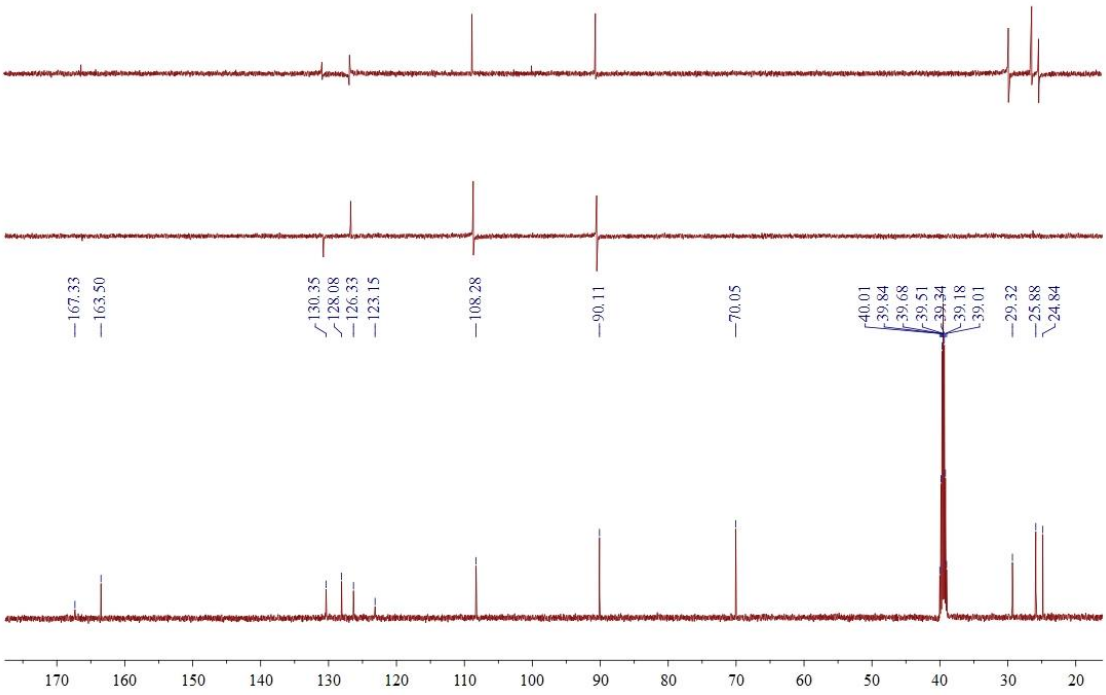

Fig. S20 ^{13}C NMR and DEPT (125 MHz, DMSO-d_6) of compound **4**

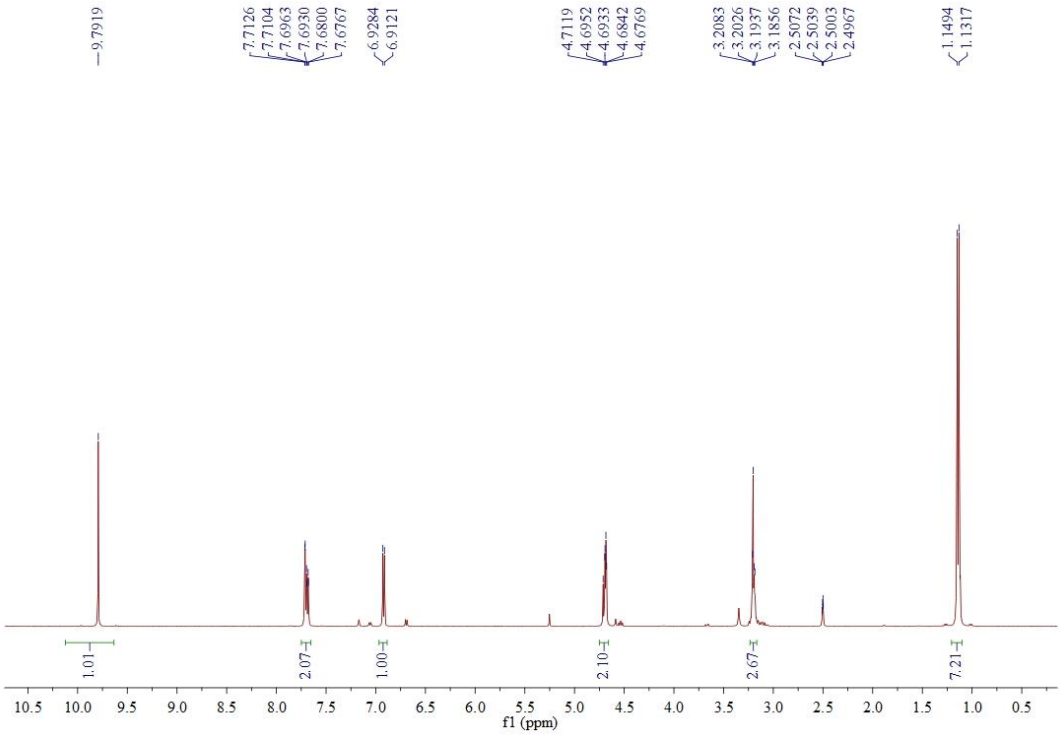

Fig. S21 ^{1}H NMR (500 MHz, DMSO-d_6) of compound **5**.

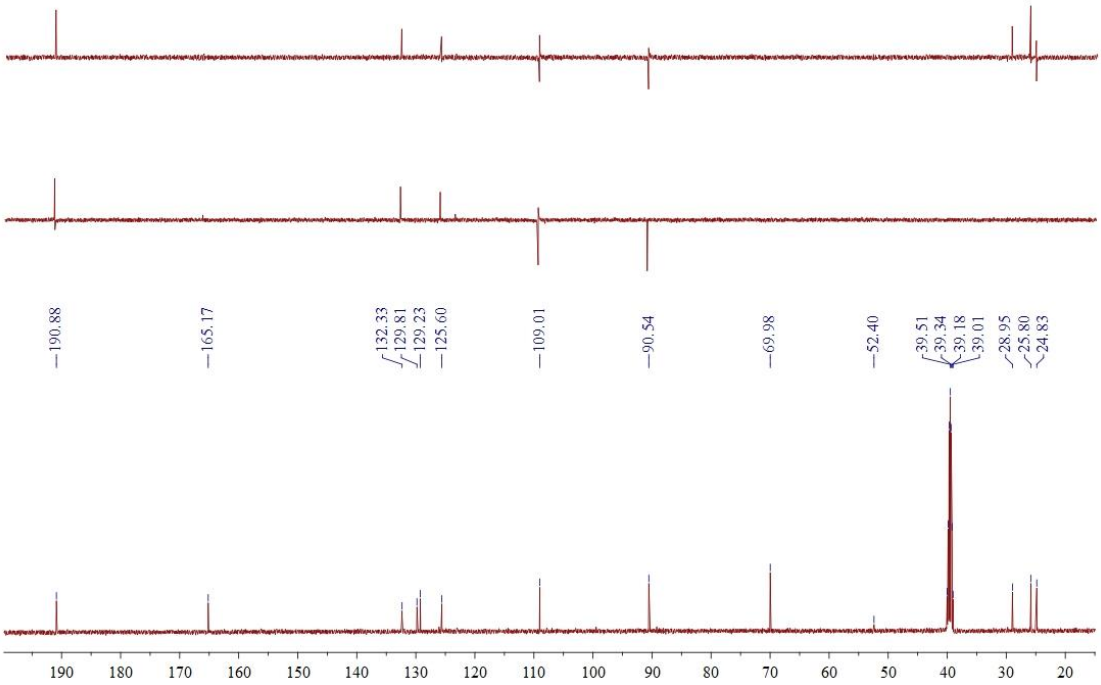

Fig. S22 ^{13}C NMR and DEPT (125 MHz, DMSO-d_6) of compound **5**.

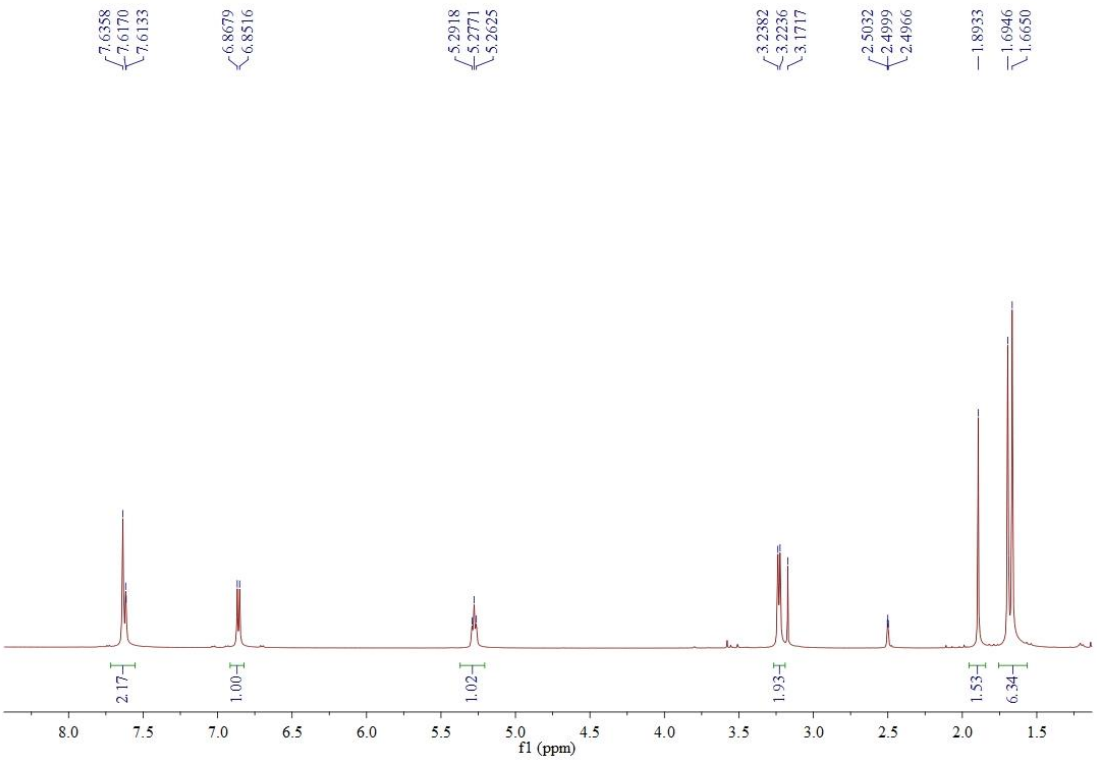

Fig. S23 ^{1}H NMR (500 MHz, DMSO-d_6) of compound **6**.

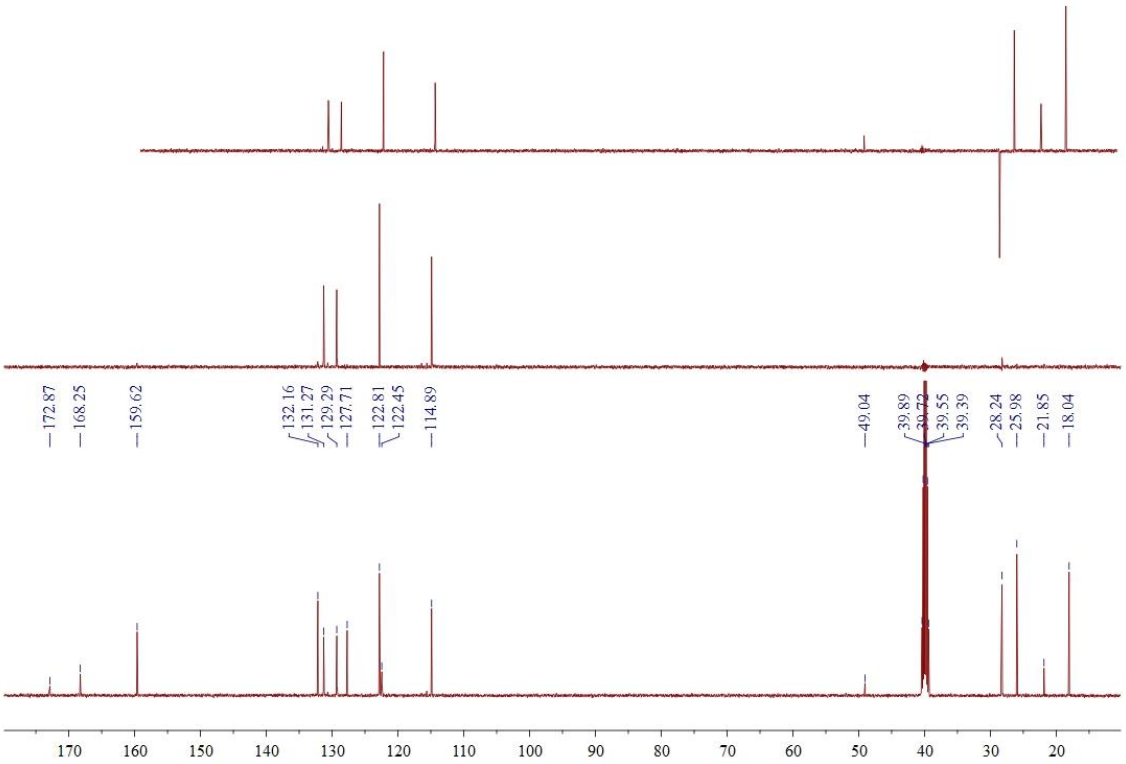

Fig. S24 ^{13}C NMR and DEPT (125 MHz, DMSO-d_6) of compound **6**.

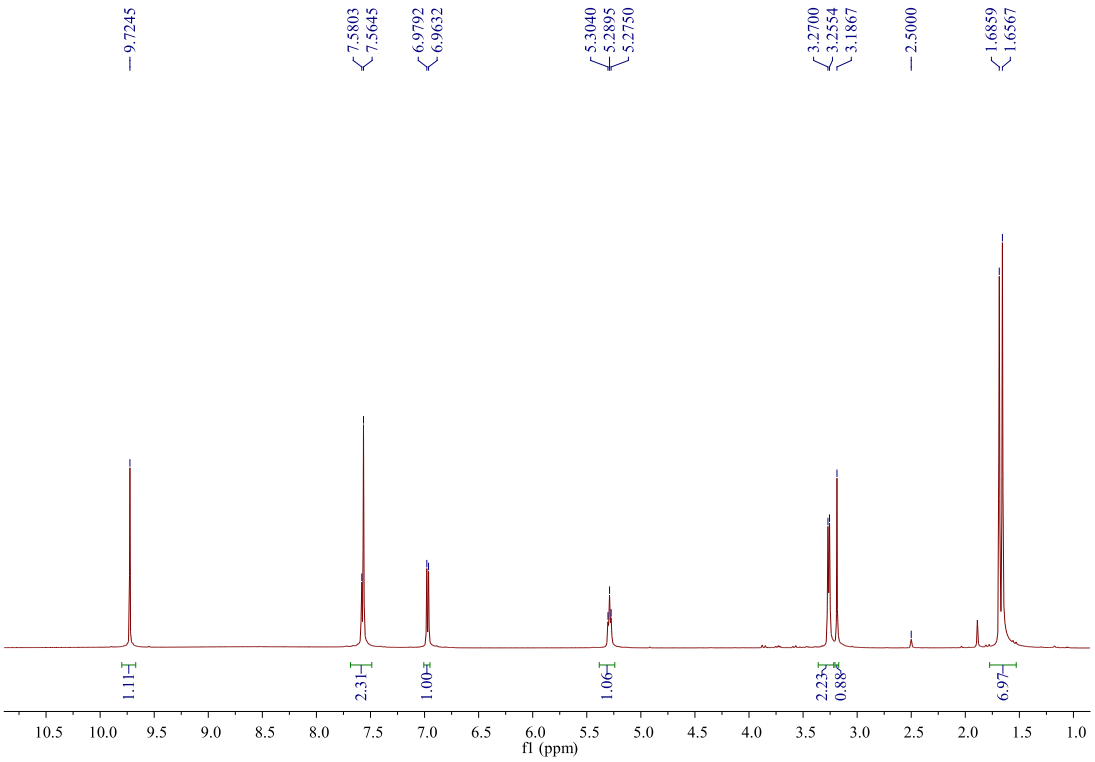

Fig. S25 ^{1}H NMR (500 MHz, DMSO-d_6) of compound **7**.

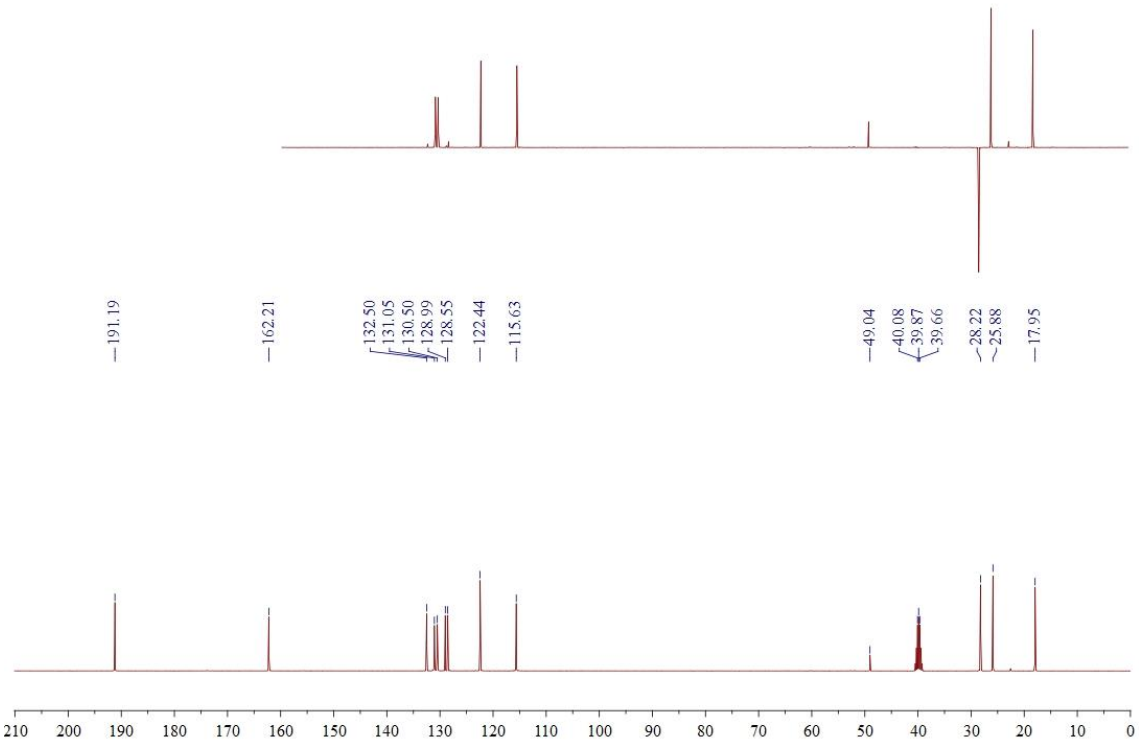

Fig. S26 ^{13}C NMR and DEPT (125 MHz, DMSO-d_6) of compound **7**.

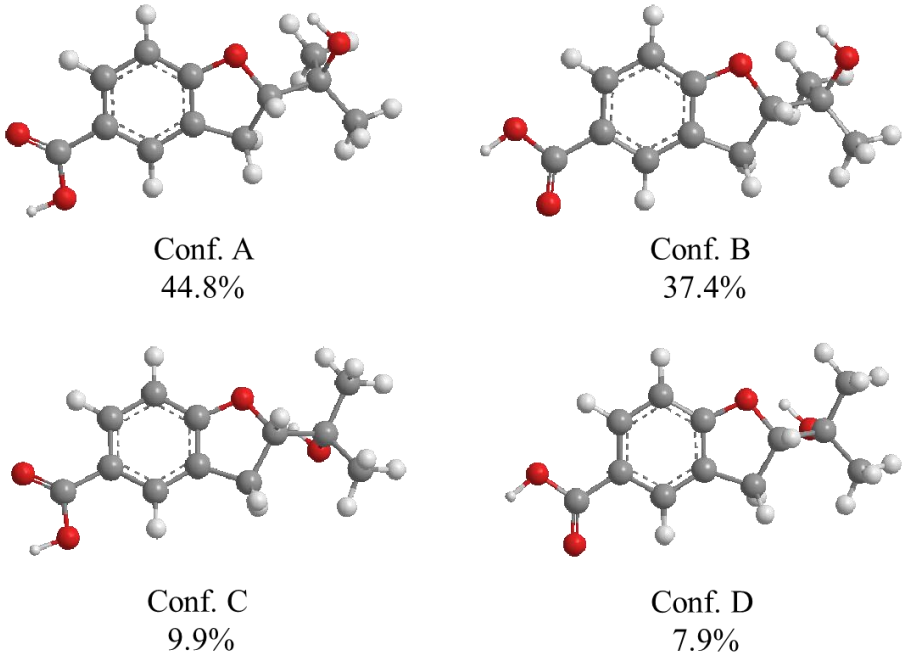

Fig. S27 DFT optimized conformers and populations of compound **4** (*S*) above 2% population.

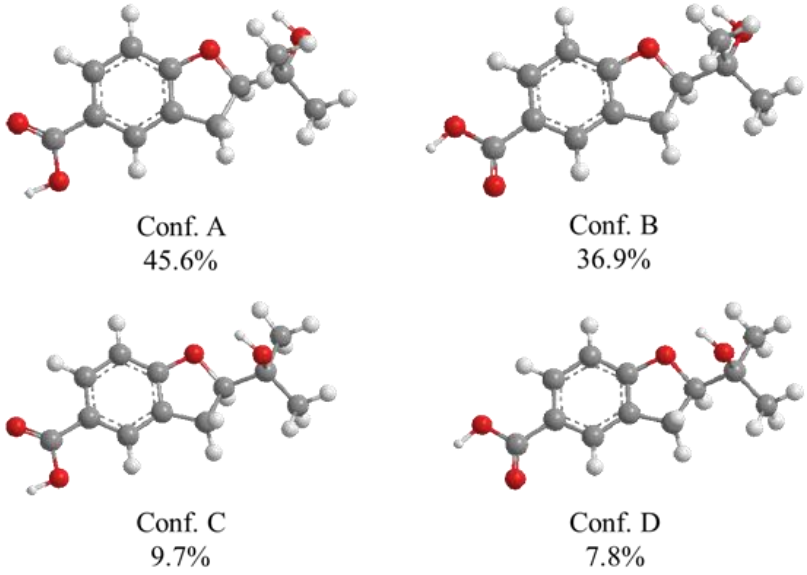

Fig. S28 DFT optimized conformers and populations of compound **4** (*R*) above 2% population.

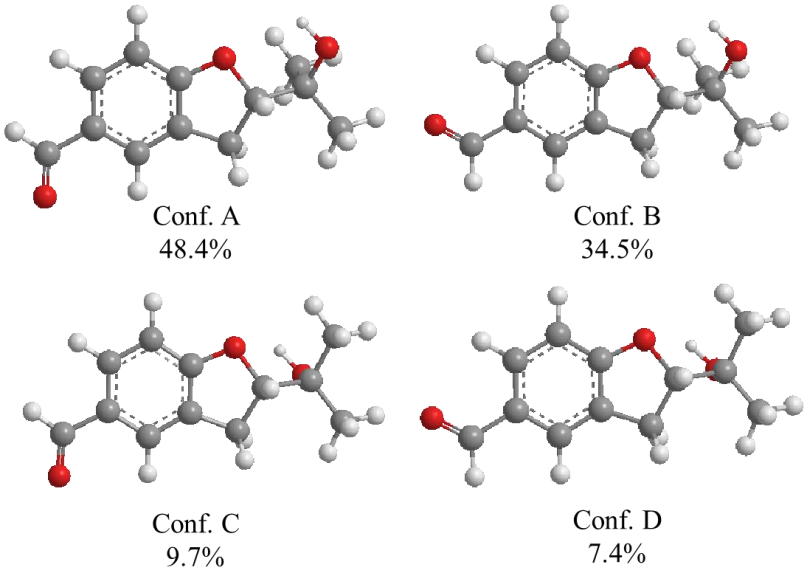

Fig. S29 DFT optimized conformers and populations of compound **5** (*S*)above 2% population.

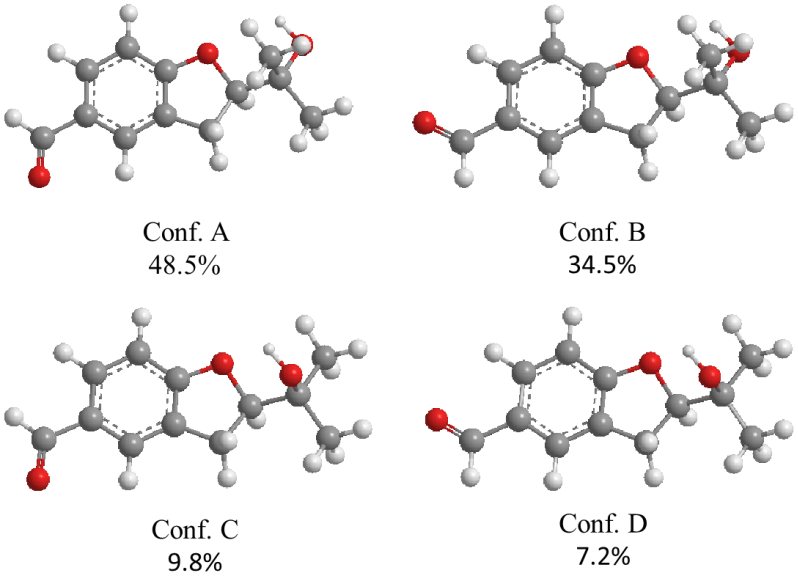

Fig. S30 DFT optimized conformers and populations of compound **5** (*R*) above 2% population.