

# Isolation and Characterization of New Anti-Inflammatory and Antioxidant Components from Deep Marine-Derived Fungus *Myrothecium* SP. Bzo-1062

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Spectrum from Data20191102-hj-3a.wiff (sample 1) - Sample021, +TOF MS (100 - 1500) from 0.107 to 0.143 min, subtracted by (Spectrum from Data20191102-hj-3a.wiff (sample 1) - Sample021, +TOF MS (100 - 1500) from 0.043 to 0.071 min)

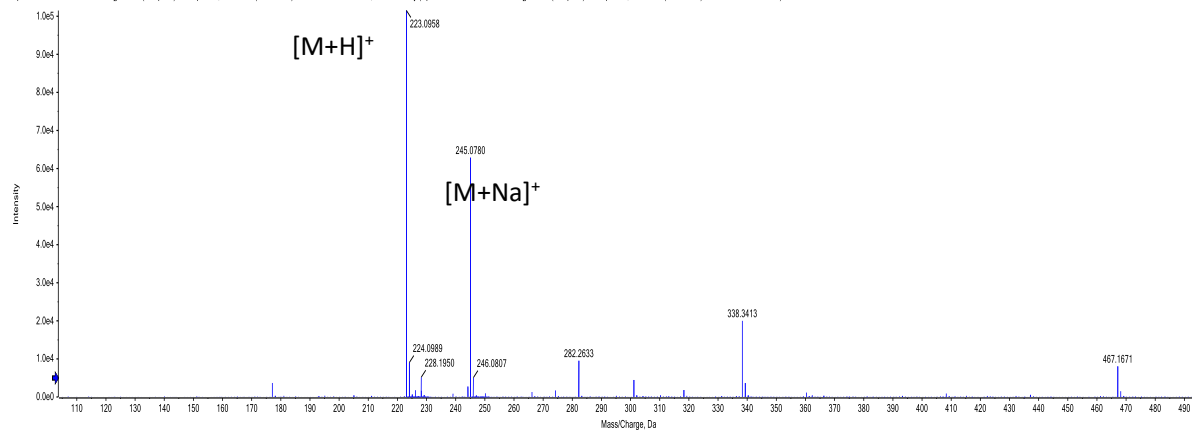


Figure S1. HR-ESI MS spectrum of compound 1

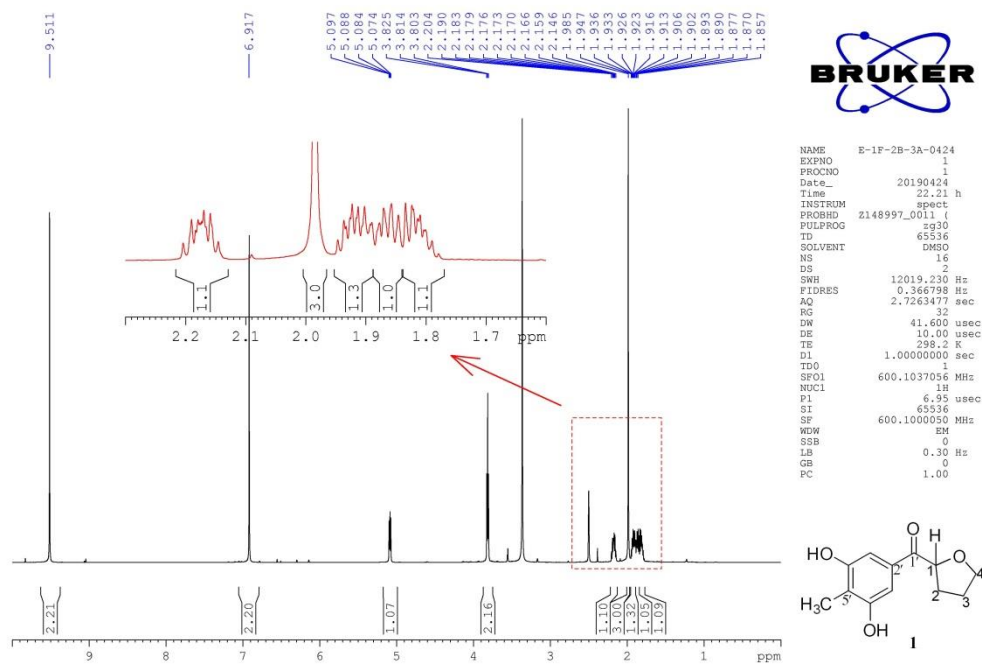


Figure S2. <sup>1</sup>H NMR spectrum of compound 1 in DMSO-*d*<sub>6</sub>

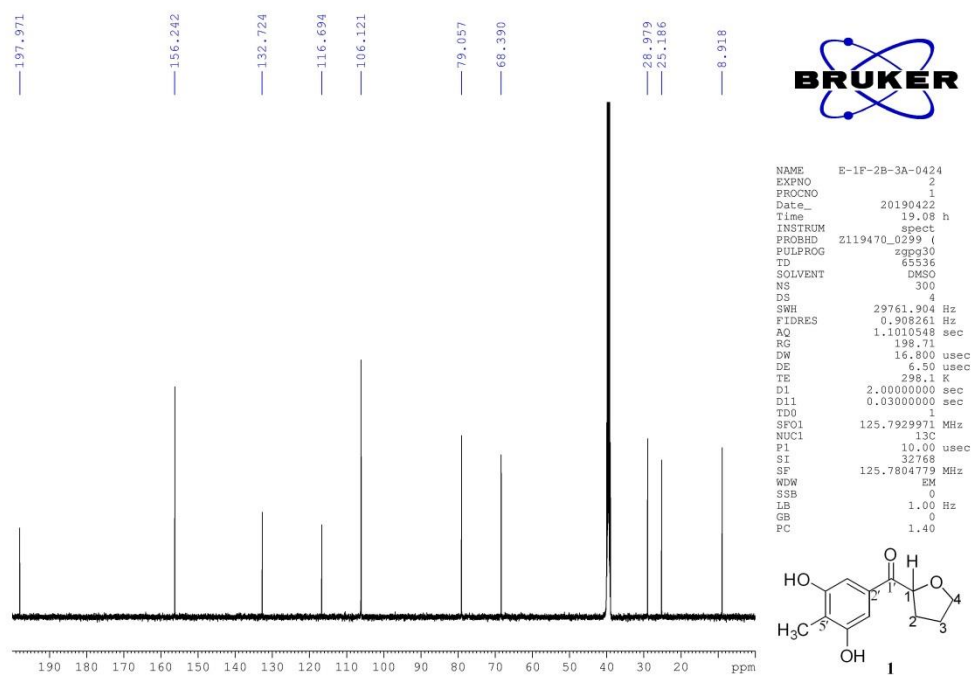


Figure S3.  $^{13}\text{C}$  NMR spectrum of compound 1 in  $\text{DMSO-}d_6$

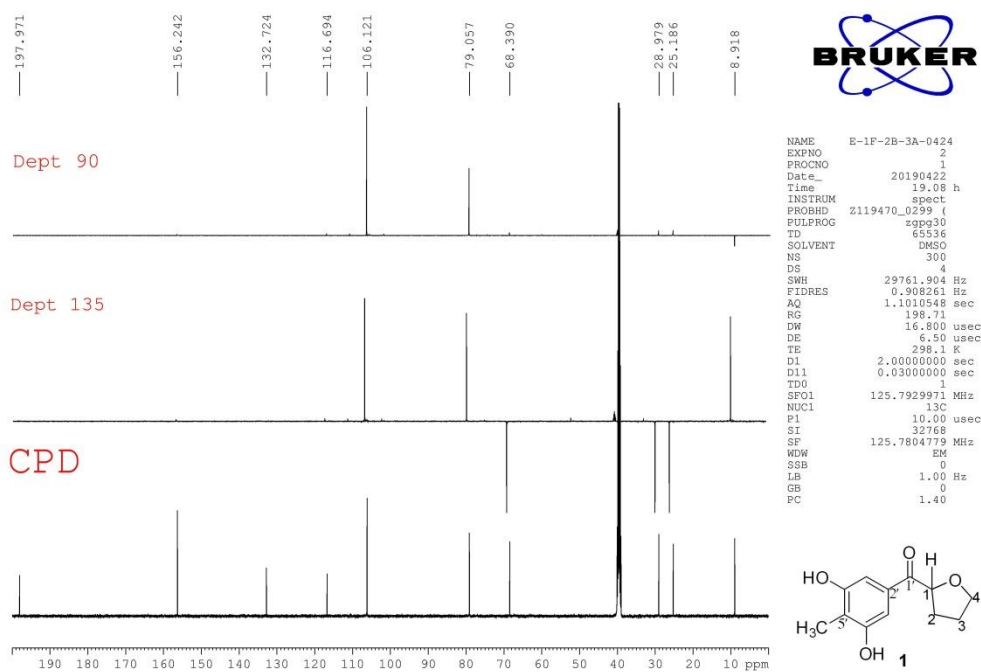


Figure S4. DEPT spectrum of compound 1 in  $\text{DMSO-}d_6$

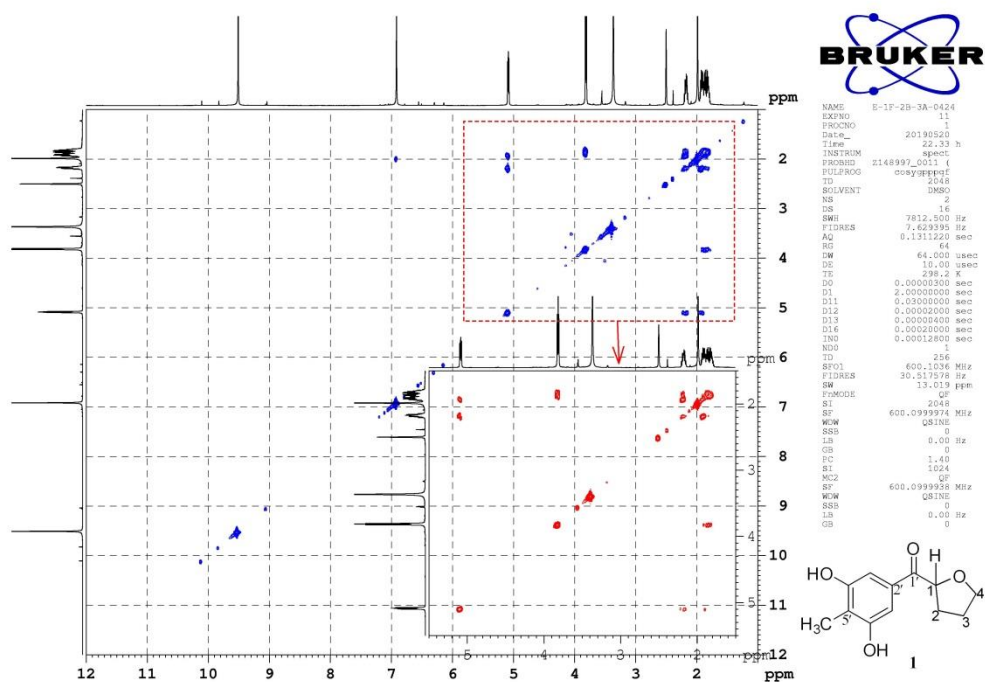


Figure S5  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of compound 1 in  $\text{DMSO-}d_6$

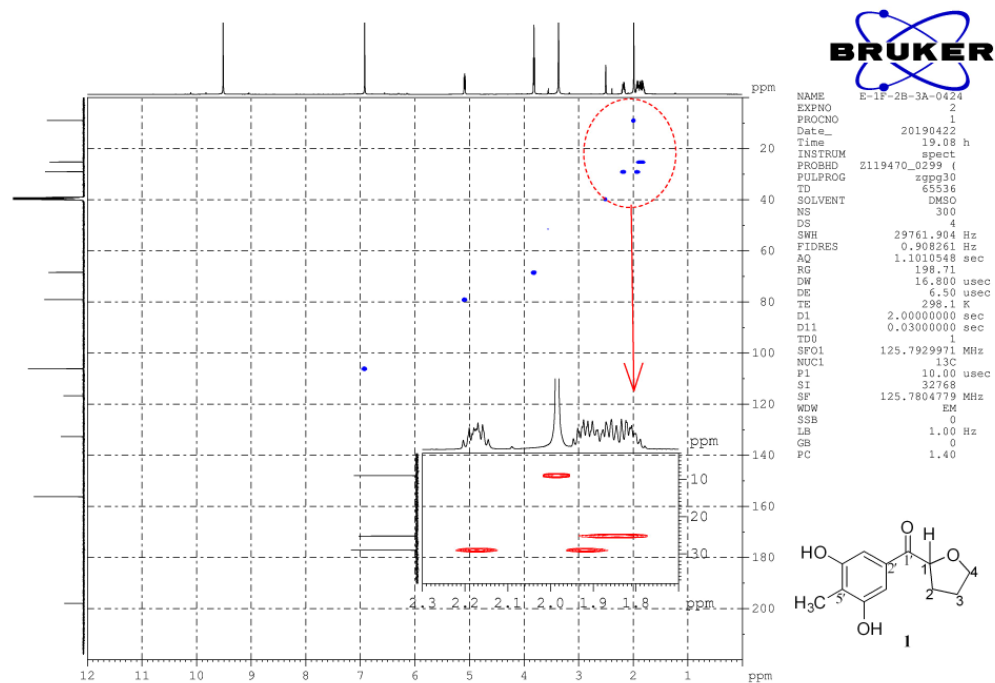


Figure S6. HSQC spectrum of compound 1 in  $\text{DMSO-}d_6$

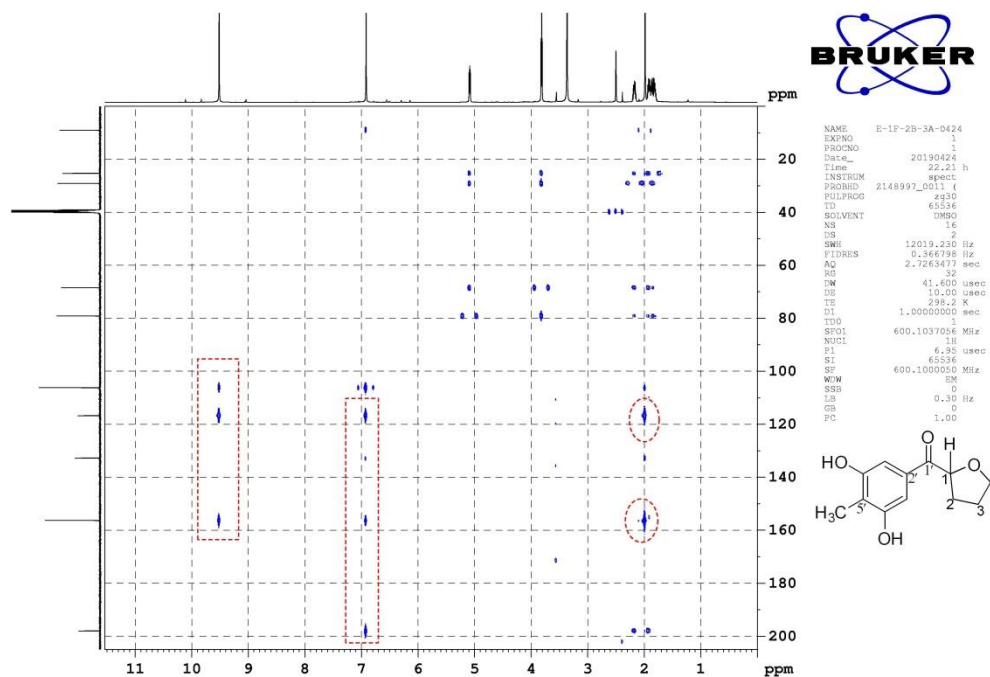


Figure S7 HMBC spectrum of compound 1 in DMSO-*d*<sub>6</sub>

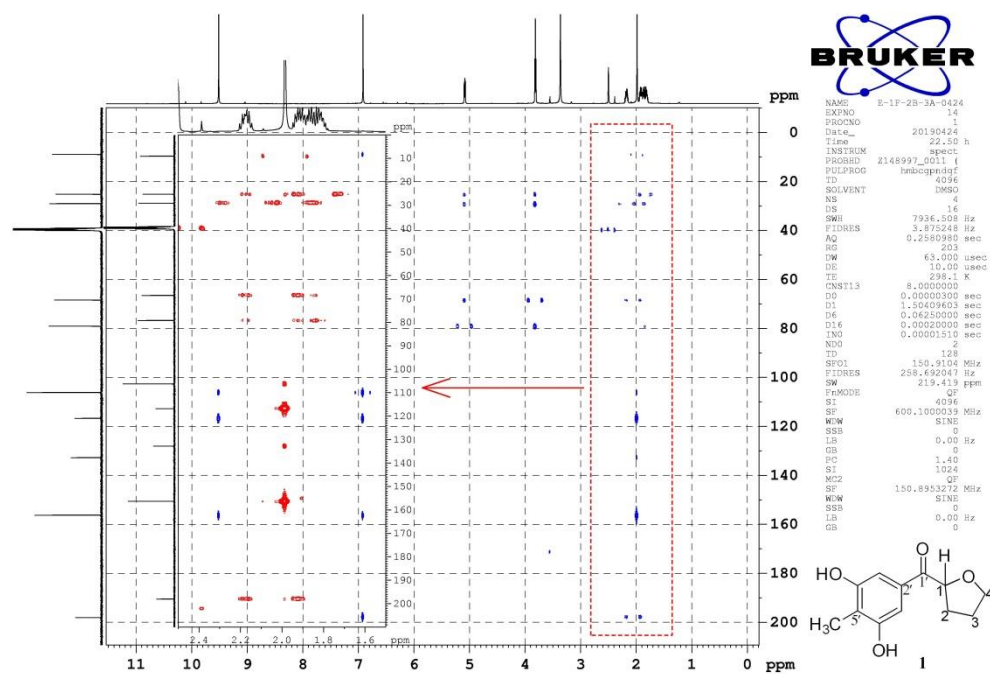


Figure S8 Partial HMBC spectrum of compound 1 in DMSO-*d*<sub>6</sub>

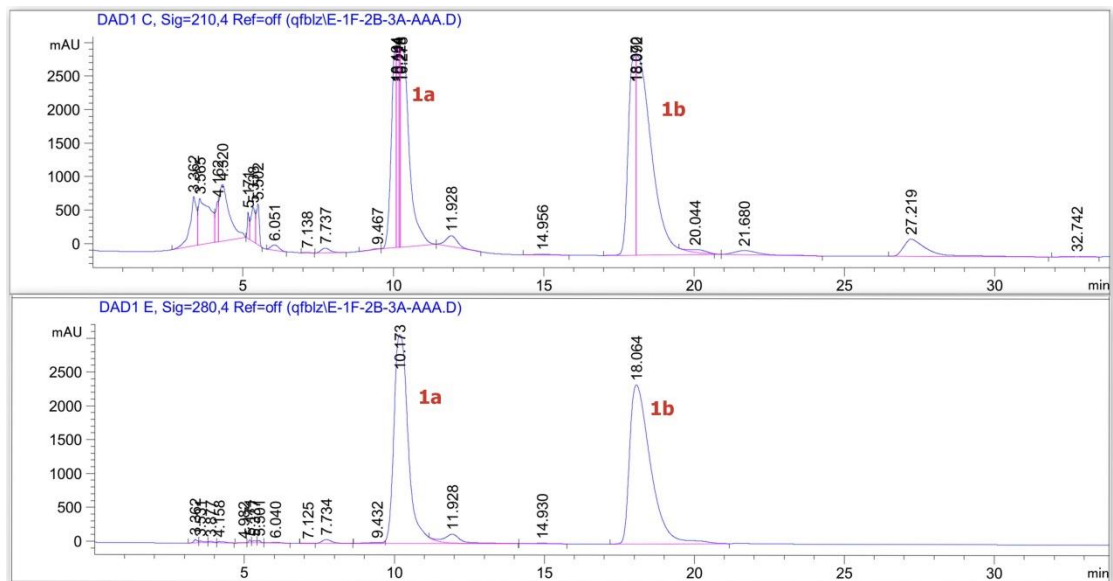


Figure S9 Chiral separation of racemic **1**

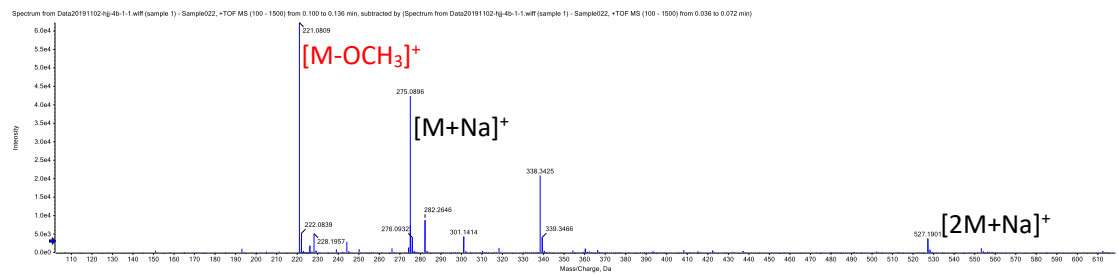


Figure S10. HR-ESI MS spectrum of compound **2**

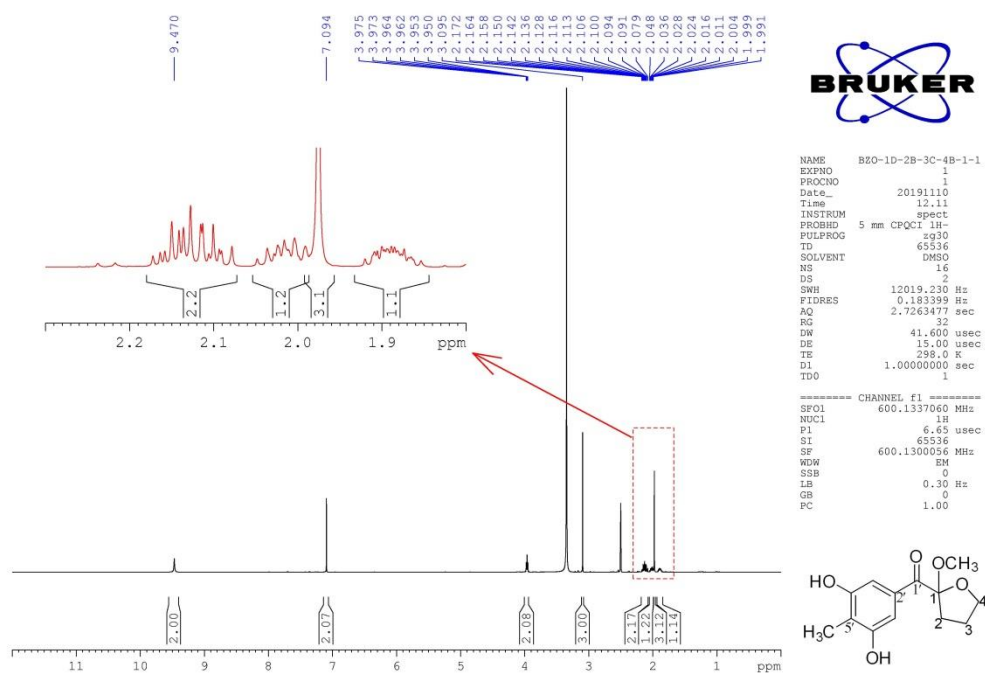


Figure S11.  $^1\text{H}$  NMR spectrum of compound **2** in  $\text{DMSO-}d_6$

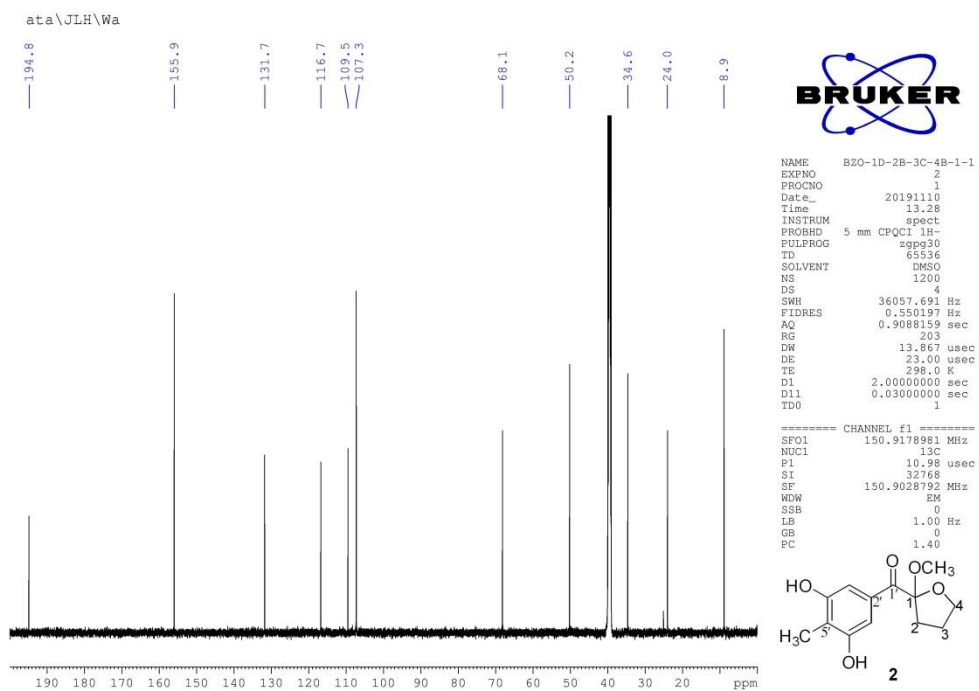


Figure S12.  $^{13}\text{C}$  NMR spectrum of compound **2** in  $\text{DMSO-}d_6$

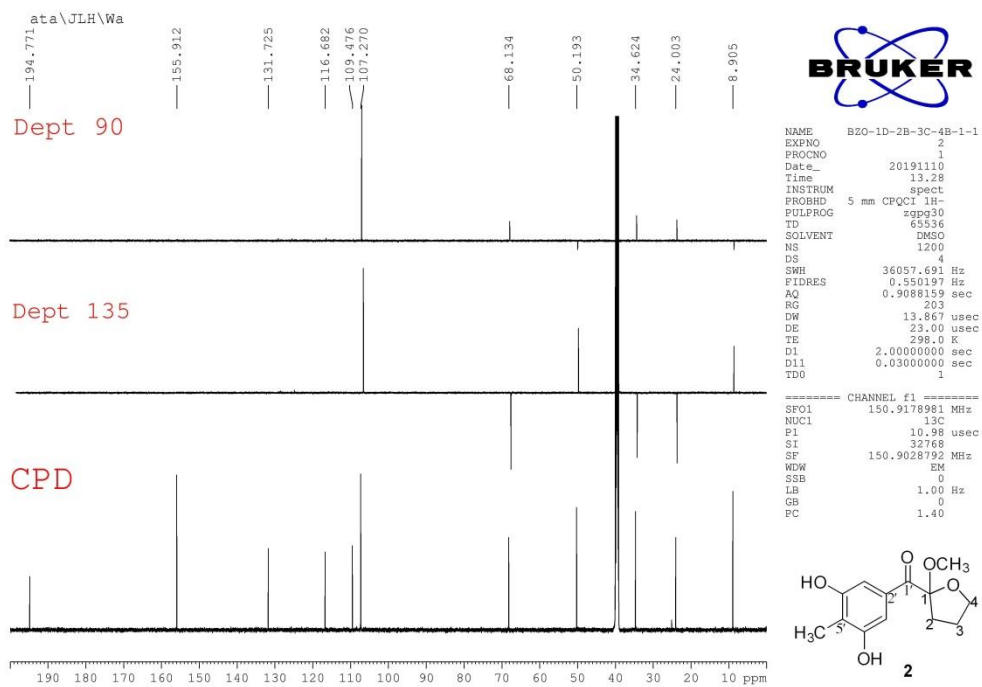


Figure S13. DEPT spectrum of compound 2 in DMSO- $d_6$

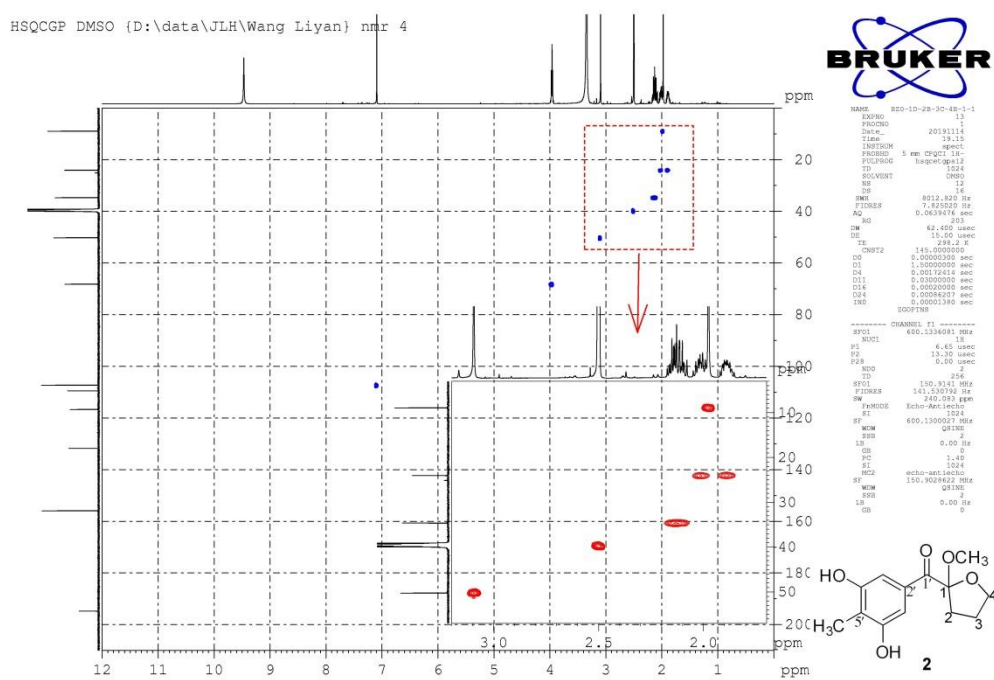


Figure S14. HSQC spectrum of compound 2 in DMSO- $d_6$



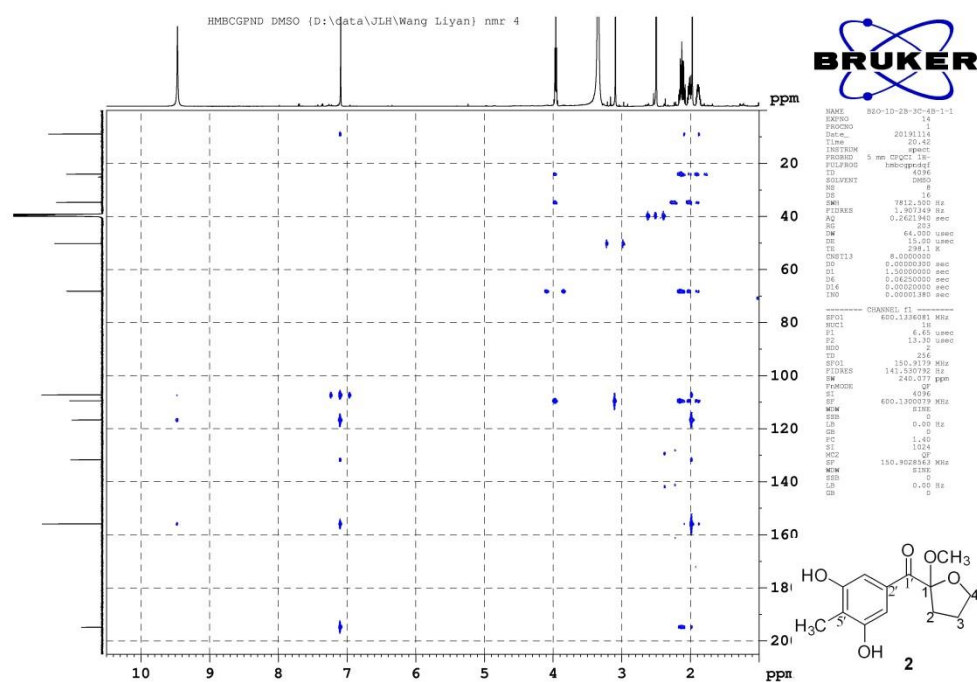


Figure S15. The HMBC spectrum of compound 2 in DMSO- $d_6$

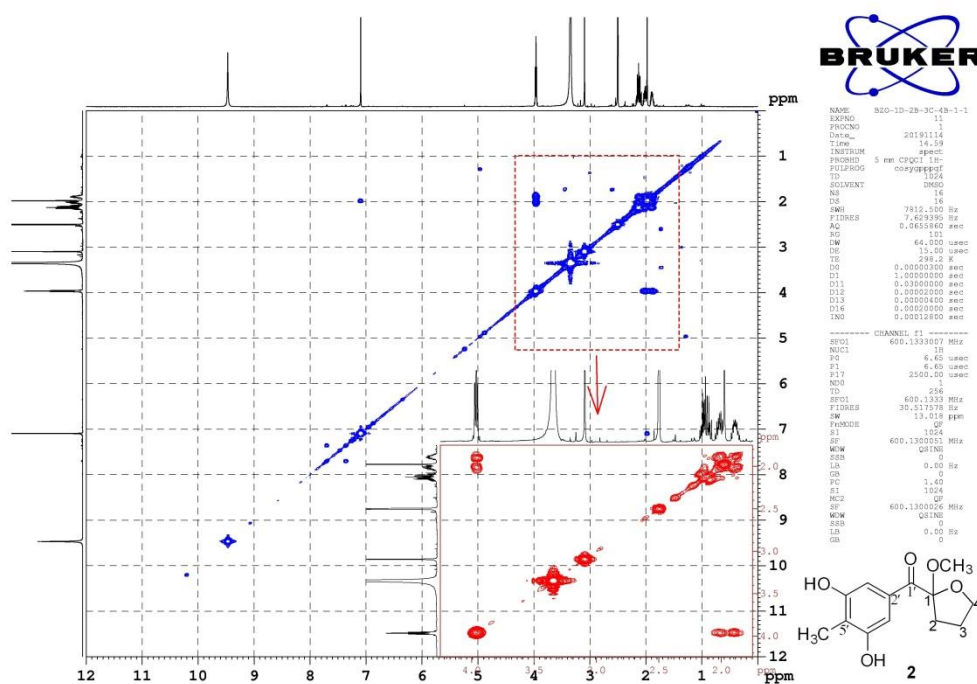


Figure S16. The  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of compound 2 in DMSO- $d_6$

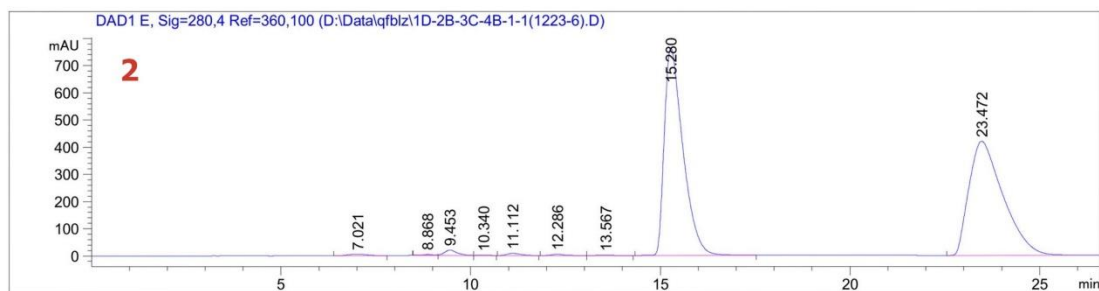


Figure S17. Chiral separation of racemic **2**

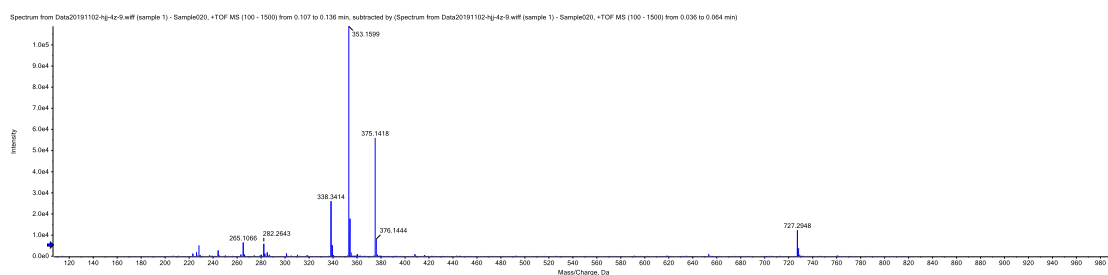


Figure S18. HR-ESI MS spectrum of compound **3**

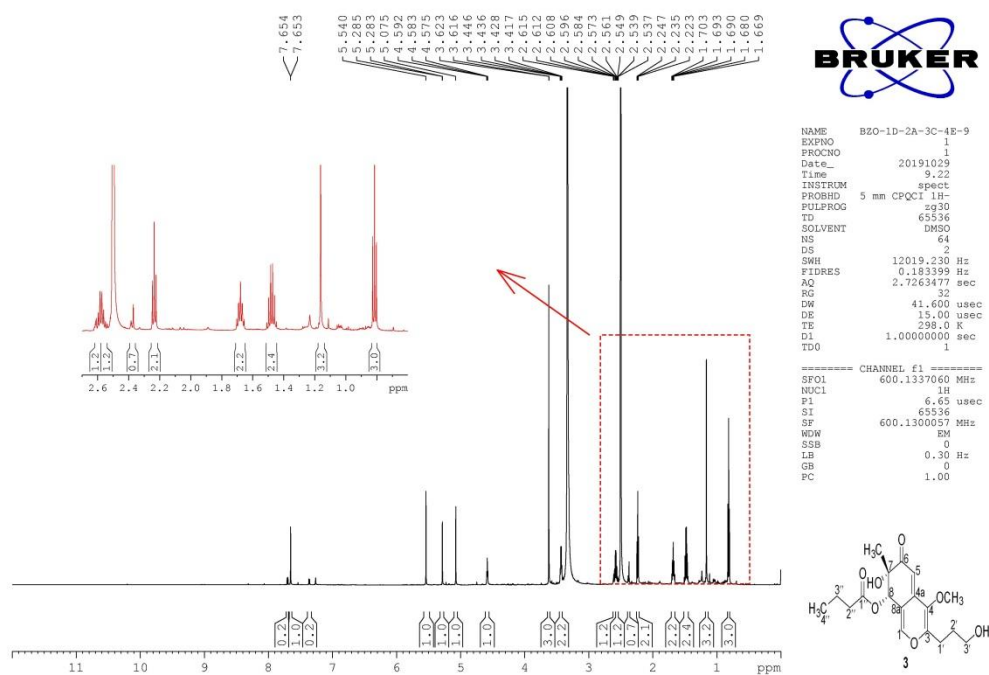


Figure S19. <sup>1</sup>H NMR spectrum of compound **3** in DMSO-*d*<sub>6</sub>

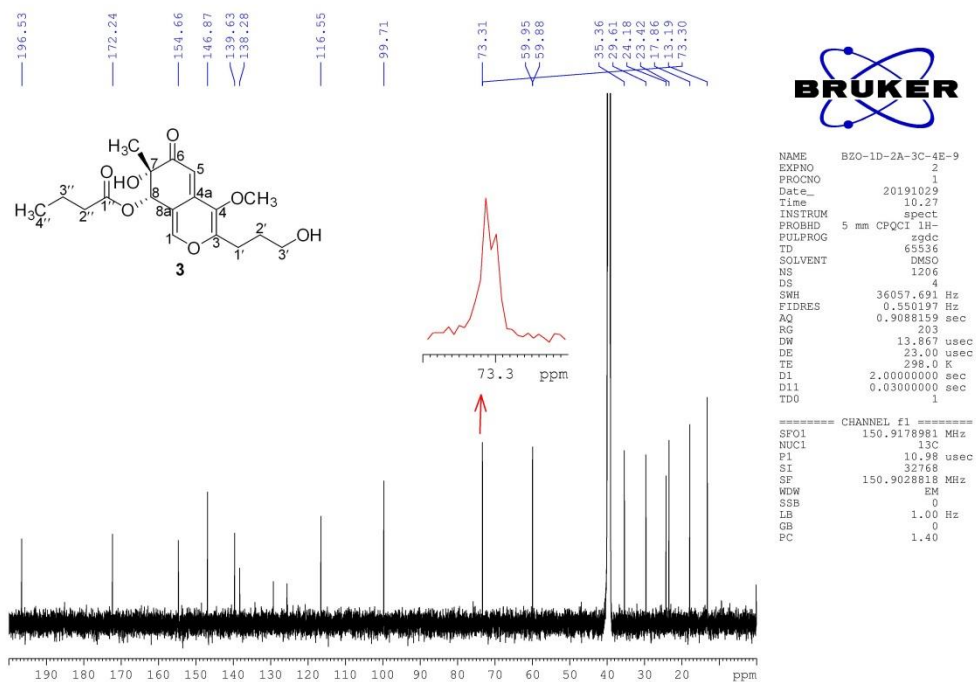


Figure S20.  $^{13}\text{C}$  NMR spectrum of compound 3 in  $\text{DMSO-}d_6$

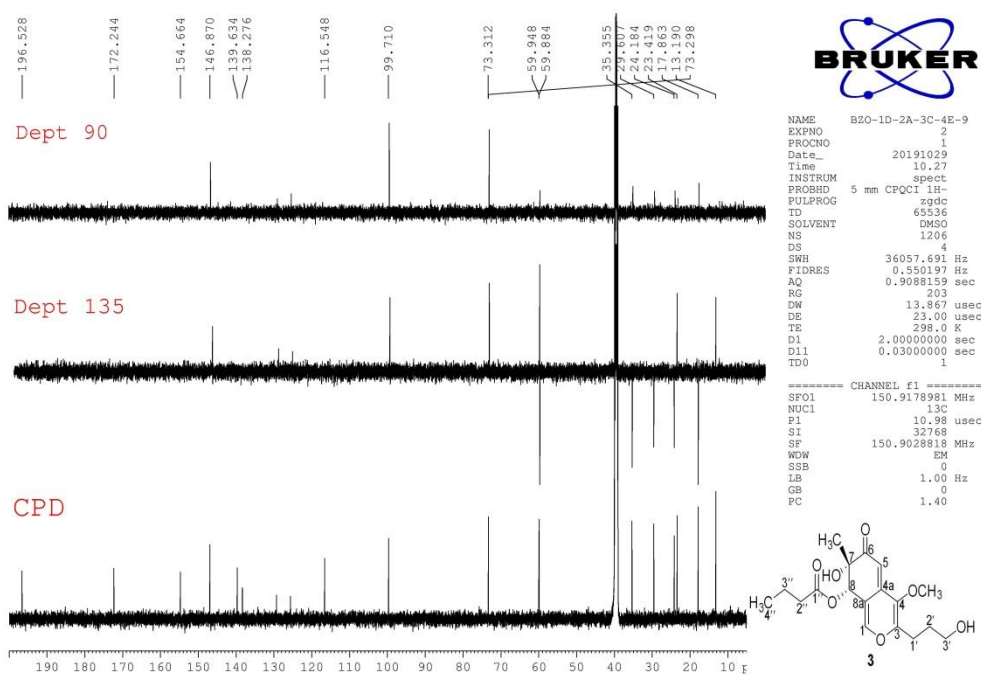


Figure S21. DEPT spectrum of compound 3 in  $\text{DMSO-}d_6$



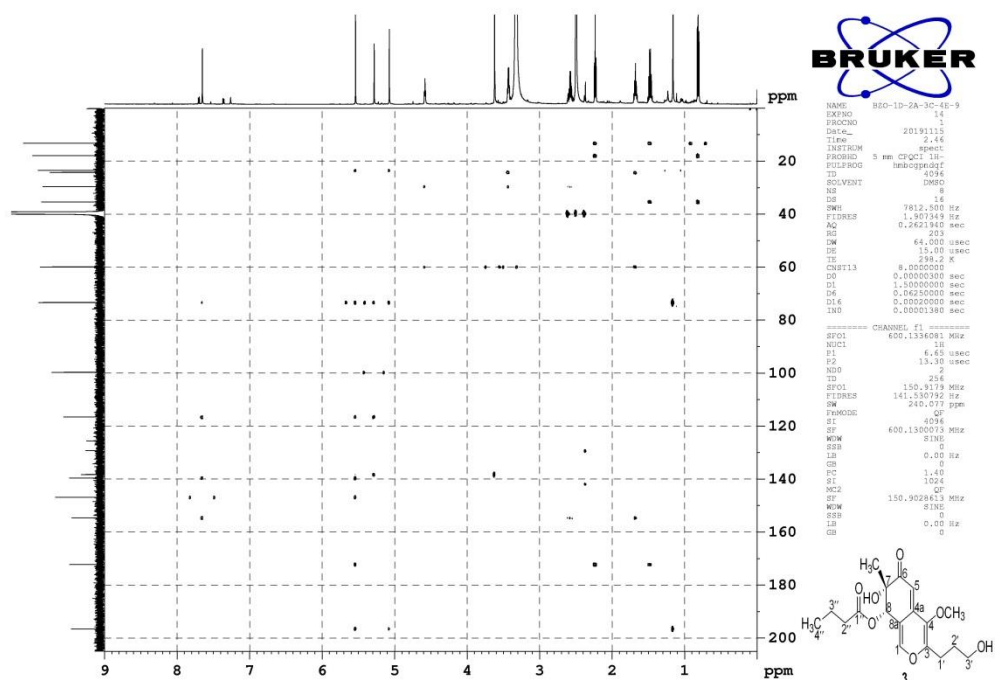


Figure S24. The HMBC spectrum of compound 3 in DMSO- $d_6$

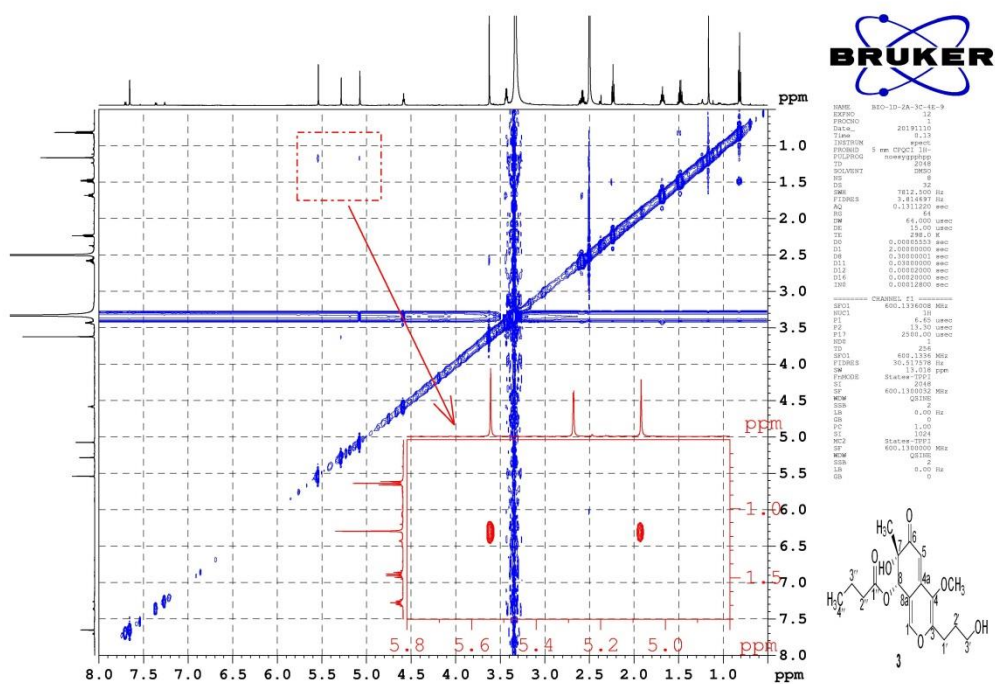


Figure S25. The NOESY spectrum of compound 3 in DMSO- $d_6$