

SUPPLEMENTARY MATERIAL

Antibacterial Secondary Metabolites from Marine-derived Fungus *Aspergillus* sp. IMCASMF180035

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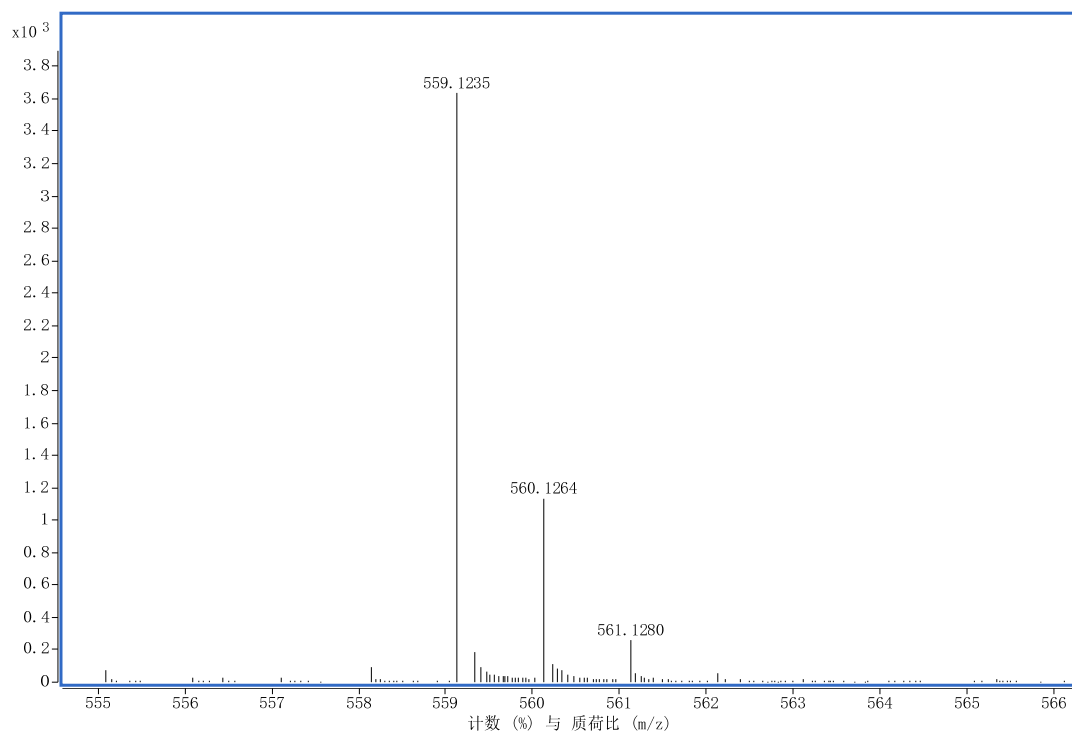


Figure S1. HRESIMS spectrum for compound 1

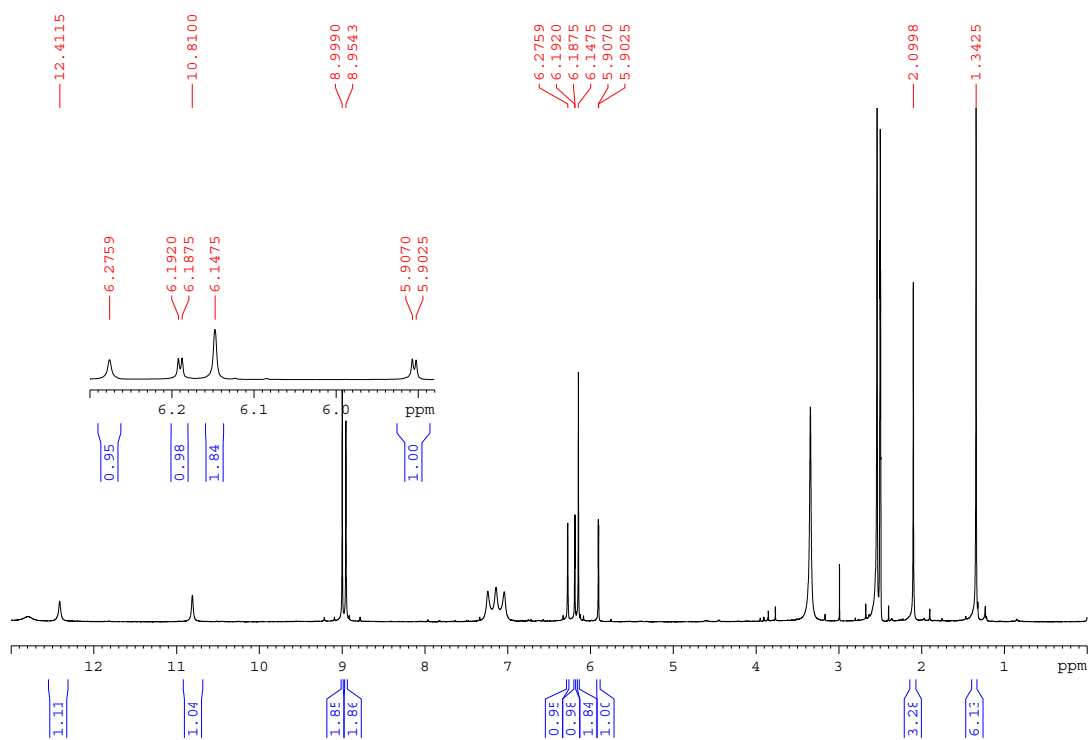
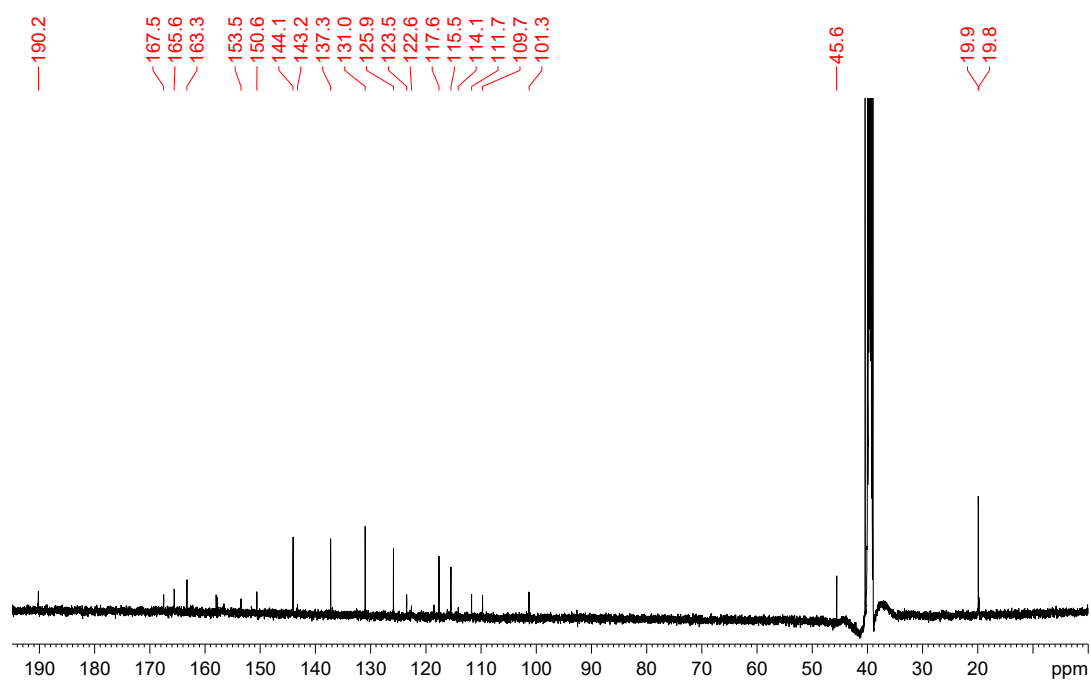
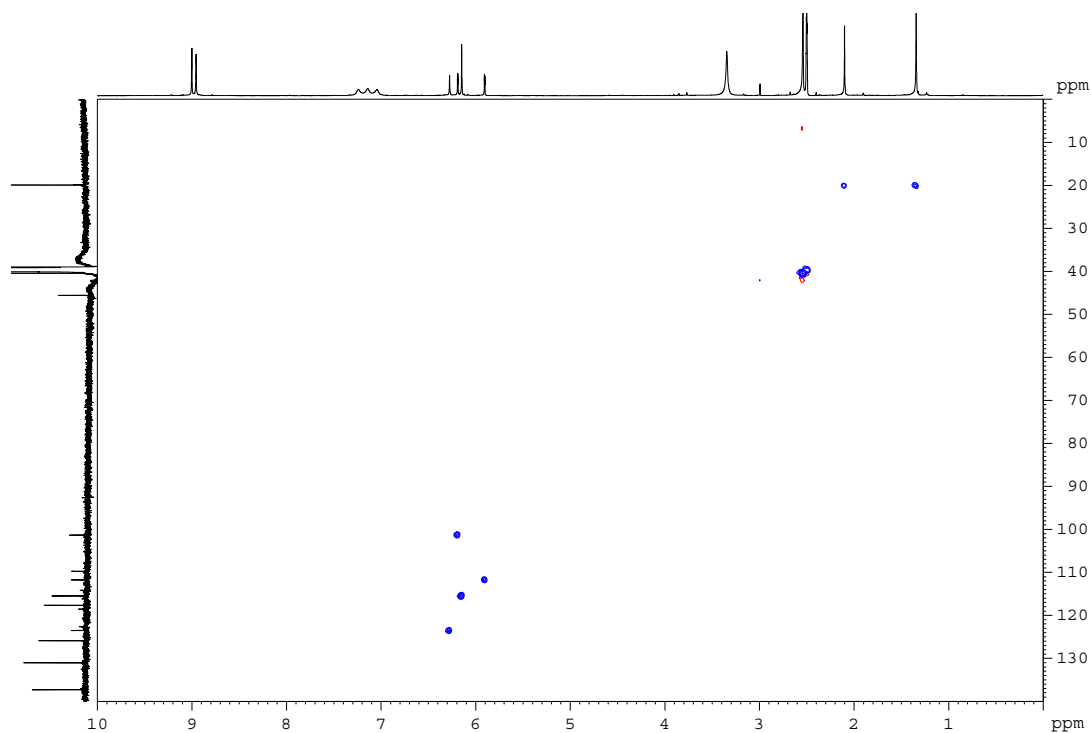


Figure S2. ^1H NMR spectrum (500 MHz, $\text{DMSO-}d_6$) of **1****Figure S3.** ^{13}C NMR spectrum (125 MHz, $\text{DMSO-}d_6$) of **1****Figure S4.** HSQC spectrum (500 MHz, $\text{DMSO-}d_6$) of **1**

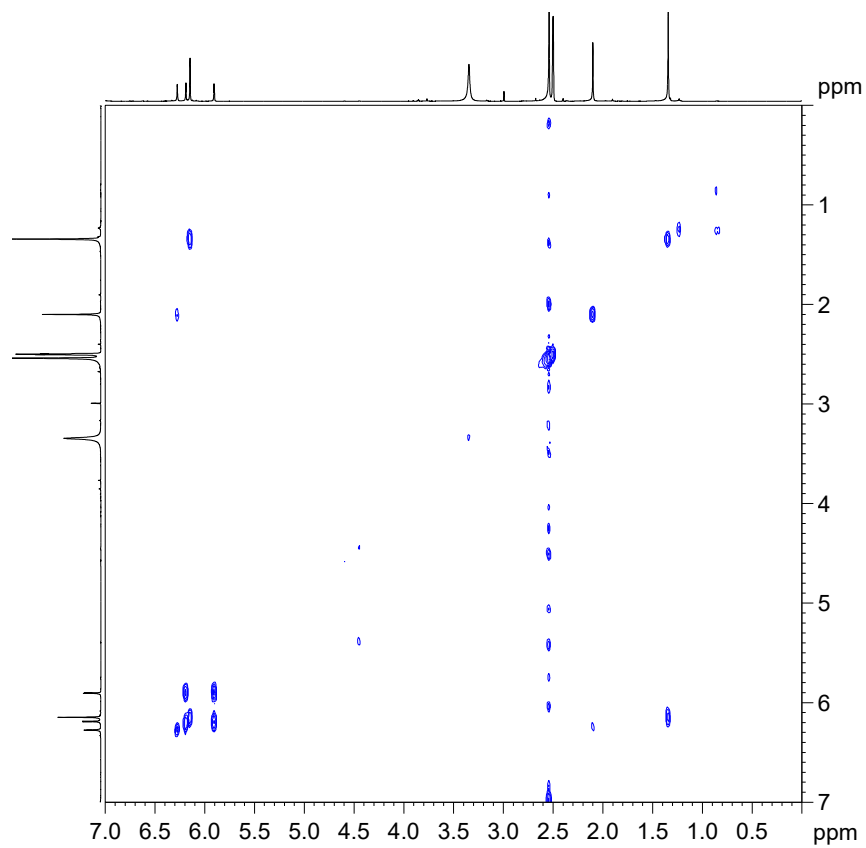


Figure S5. ^1H - ^1H COSY spectrum (500 MHz, $\text{DMSO-}d_6$) of **1**

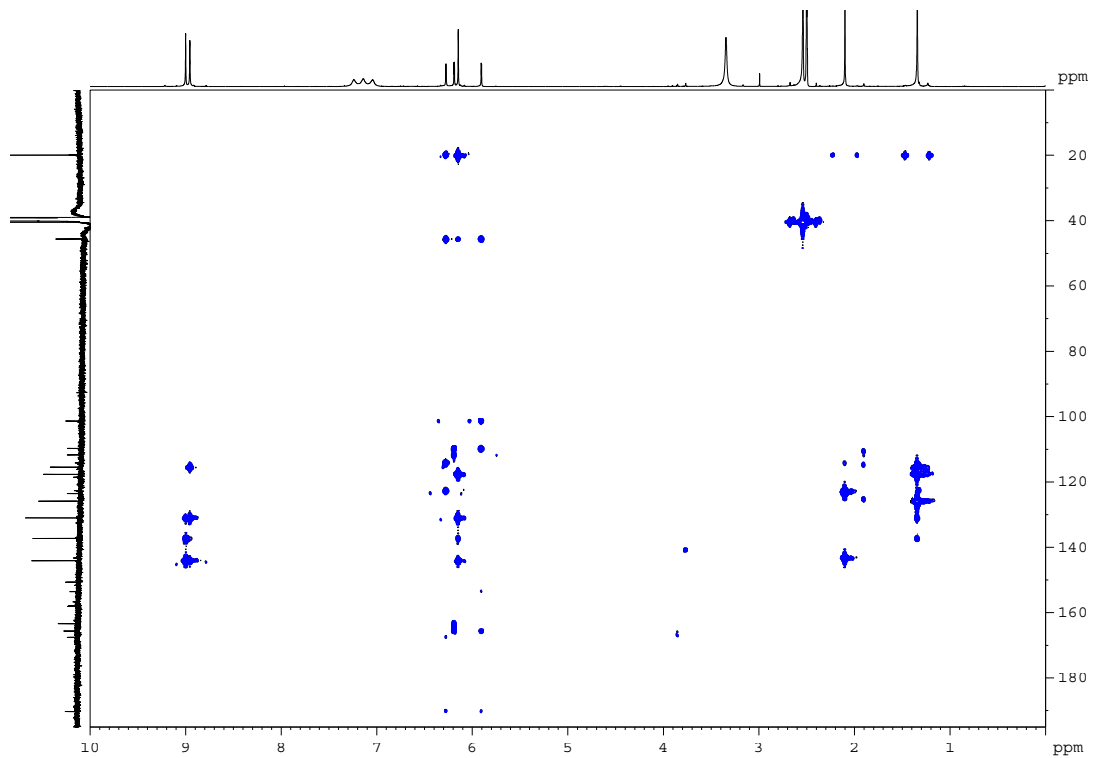


Figure S6. HMBC spectrum (500 MHz, $\text{DMSO-}d_6$) of **1**

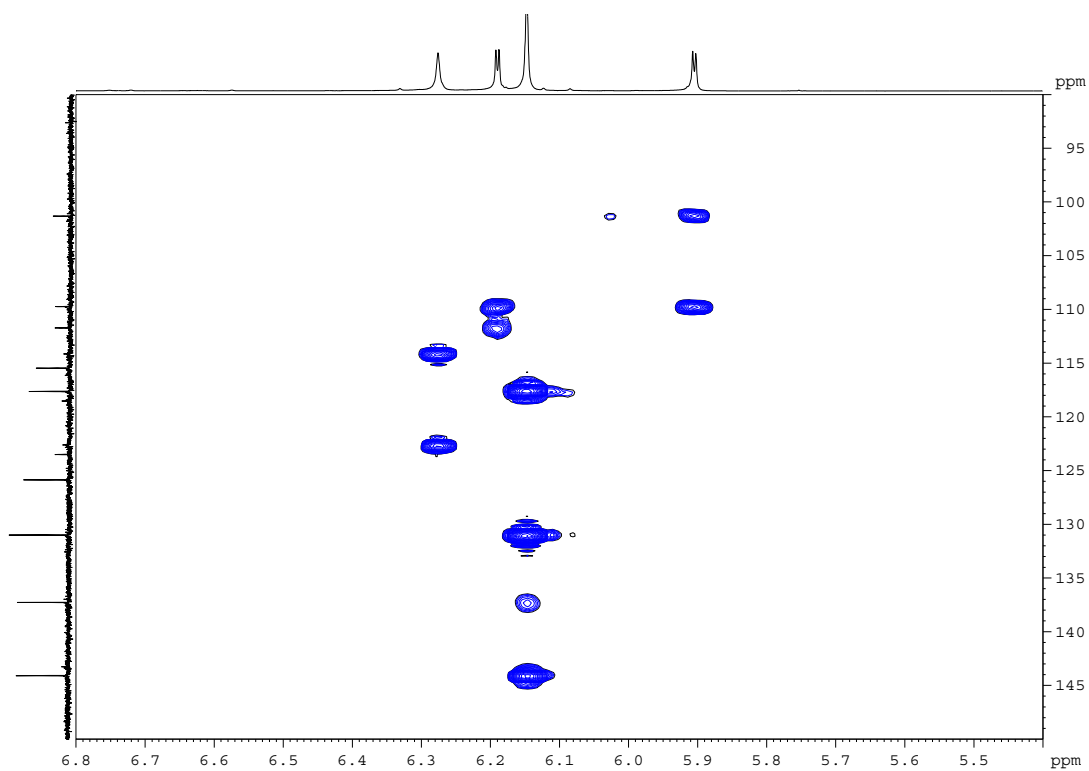


Figure S7. Expansion of HMBC spectrum (500 MHz, DMSO-*d*₆) of **1**

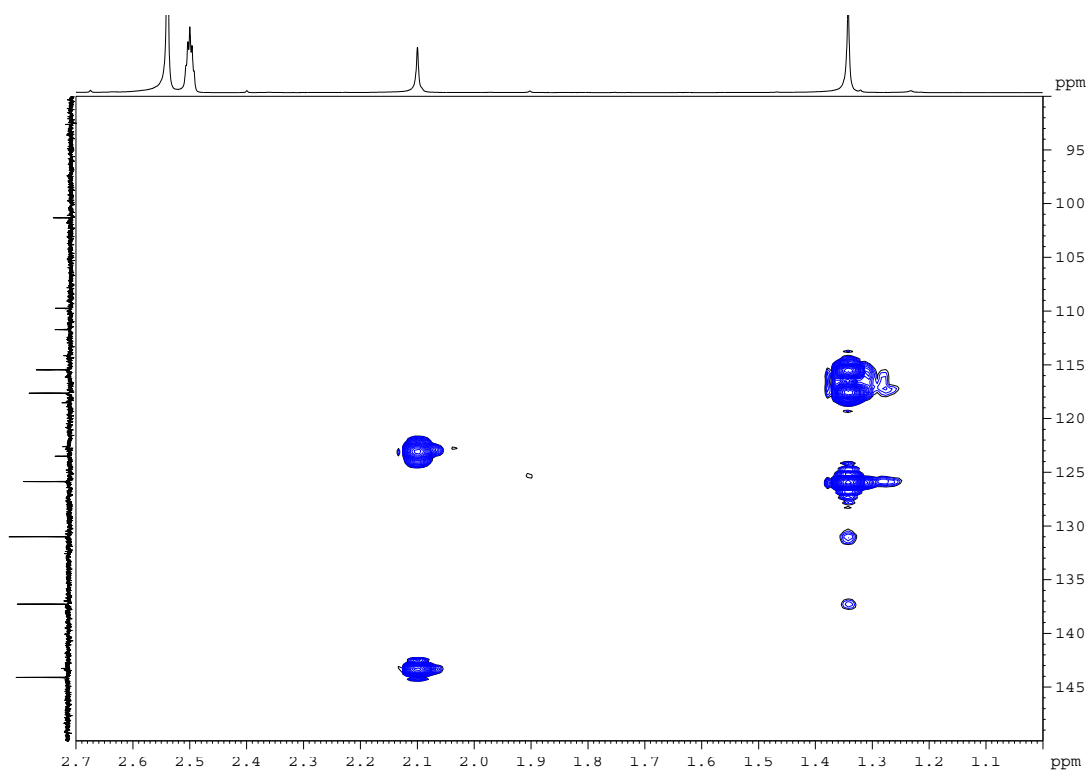


Figure S8. Expansion of HMBC spectrum (500 MHz, DMSO-*d*₆) of **1**

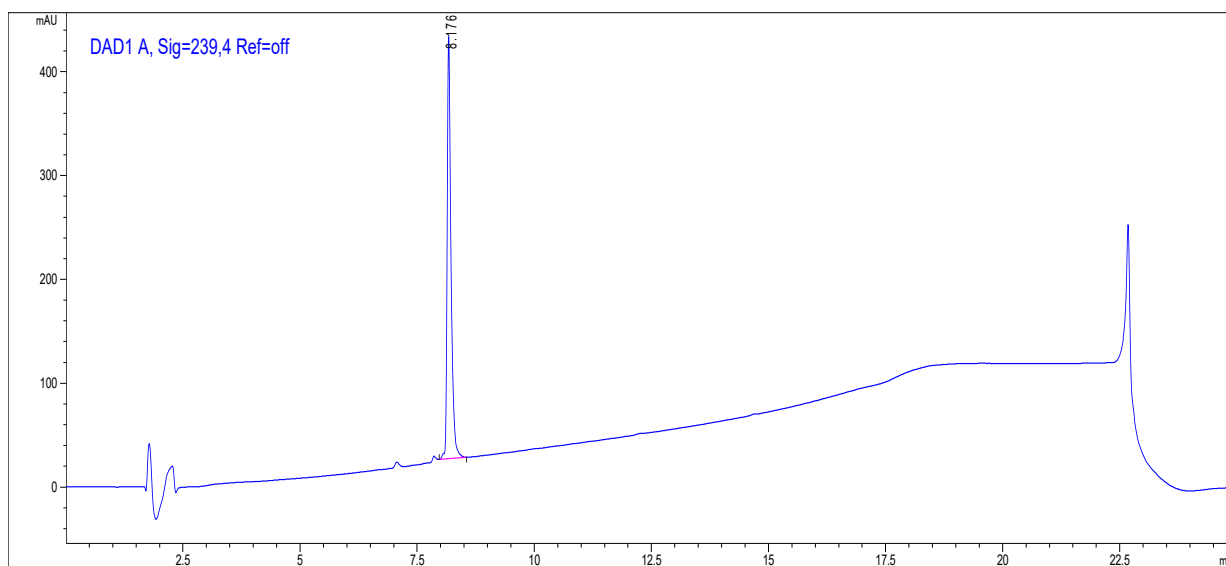


Figure S9. HPLC profile of **1**

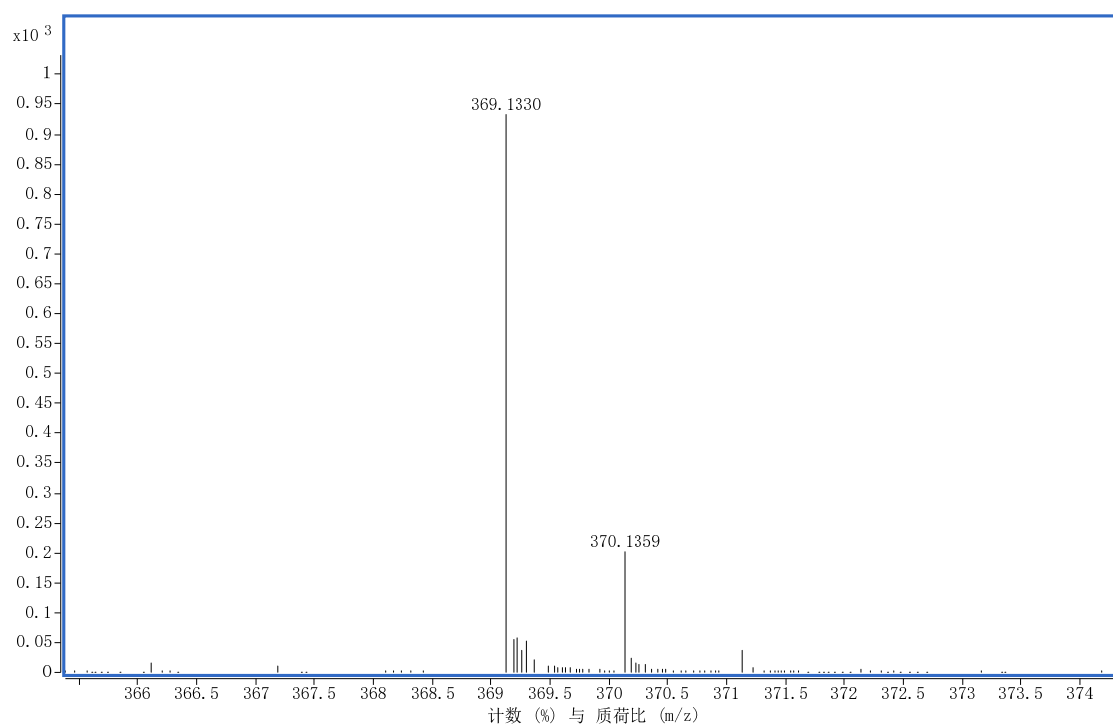
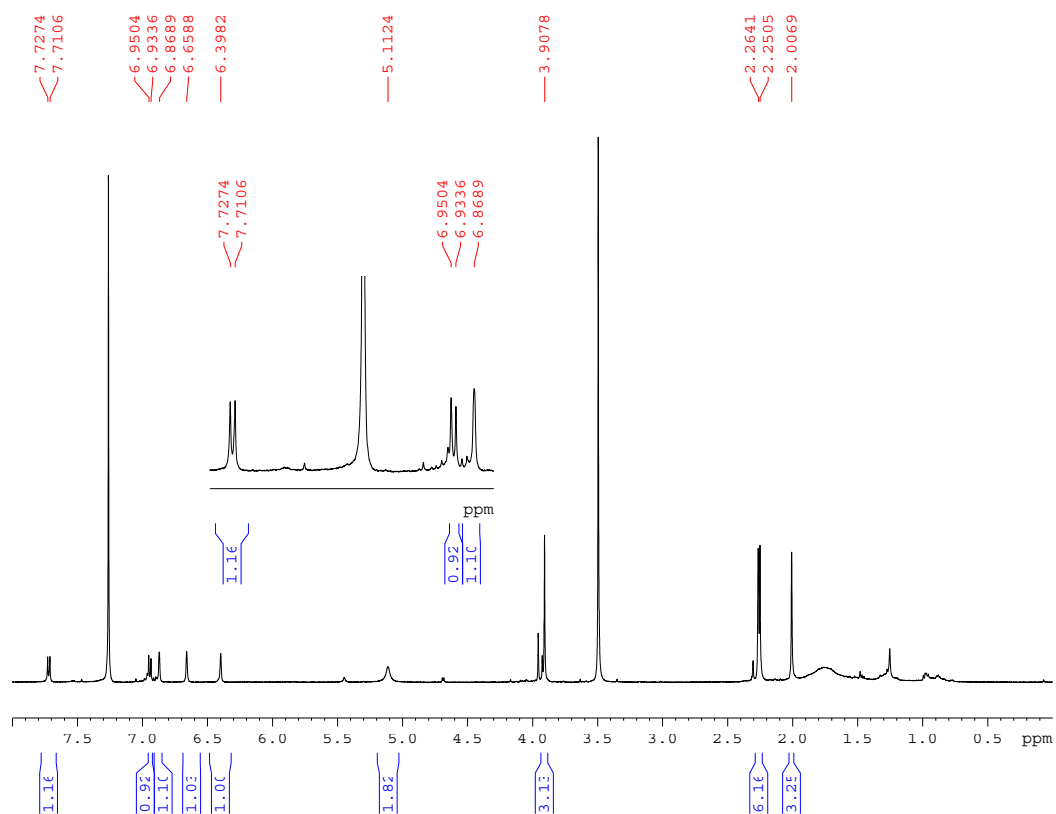
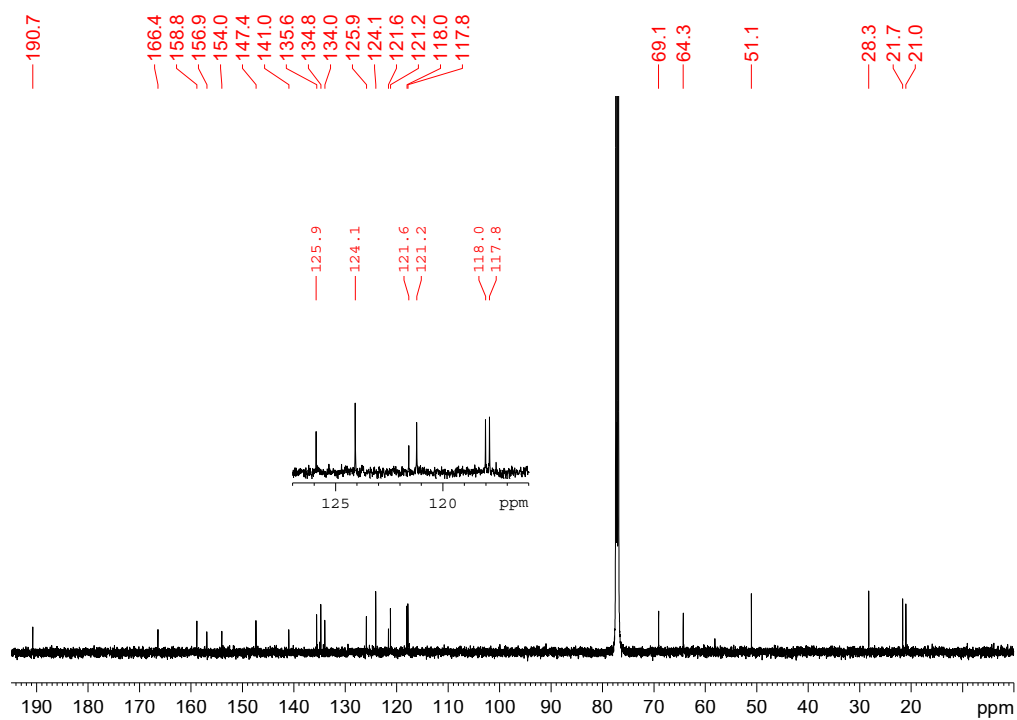


Figure S10. HRESIMS spectrum of for **2**

Figure S11. ¹H NMR spectrum (500 MHz, CDCl₃) of 2Figure S12. ¹³C NMR spectrum (125 MHz, CDCl₃) of 2

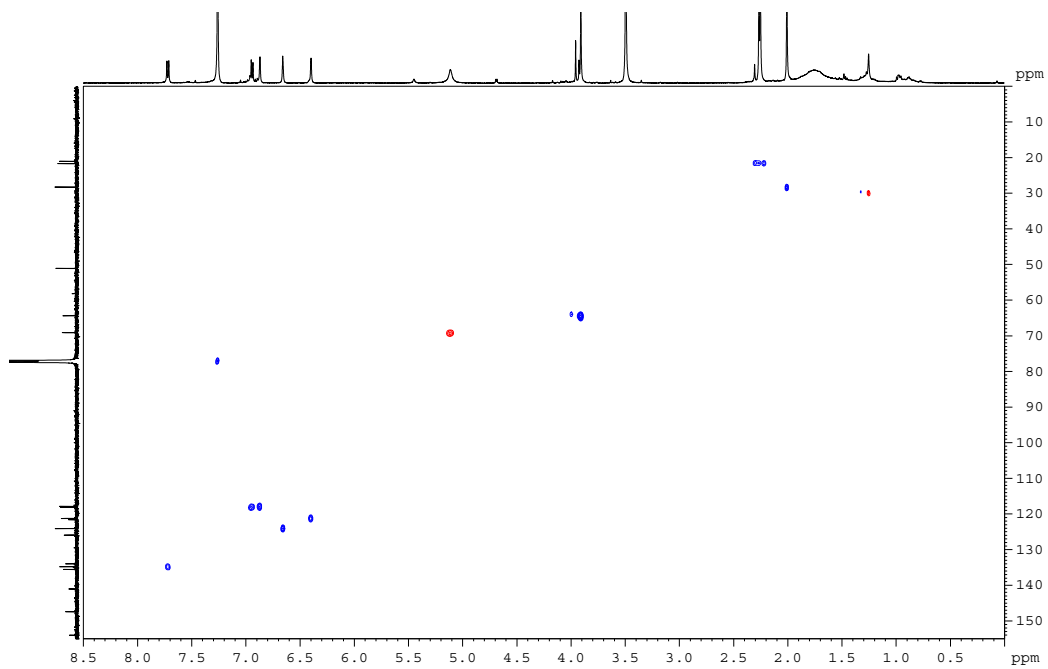


Figure S13. HSQC spectrum (500 MHz, CDCl₃) of **2**

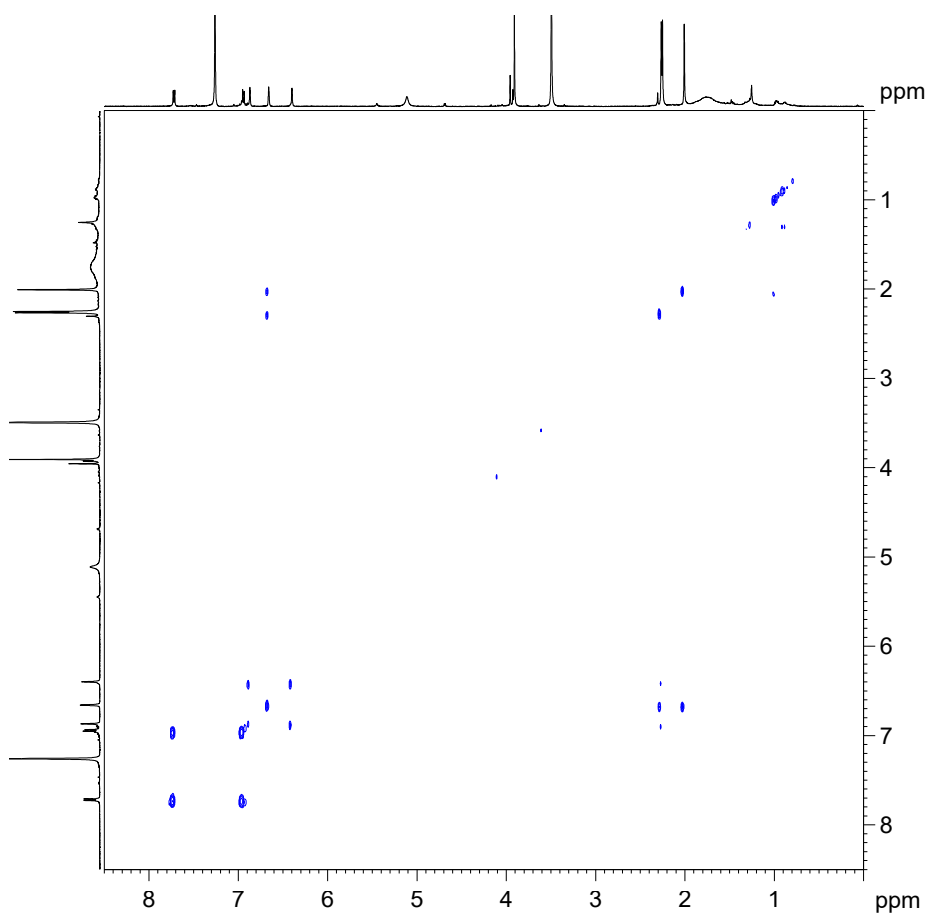


Figure S14. ¹H -¹H COSY spectrum (500MHz, CDCl₃) of **2**

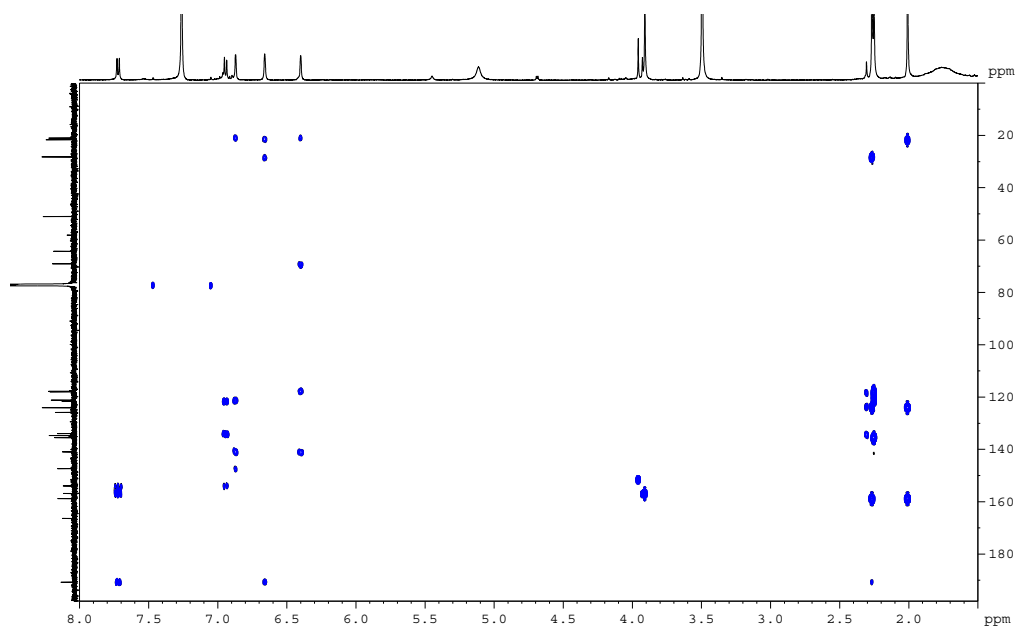


Figure S15. HMBC spectrum (500 MHz, CDCl₃) of **2**

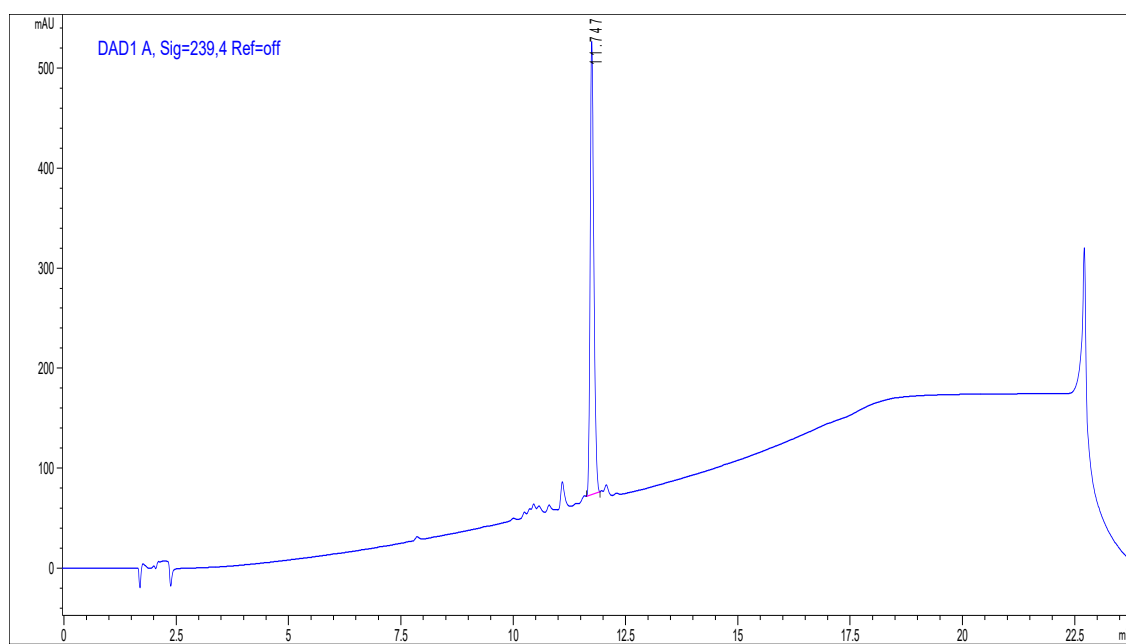


Figure S16. HPLC profile of **2**

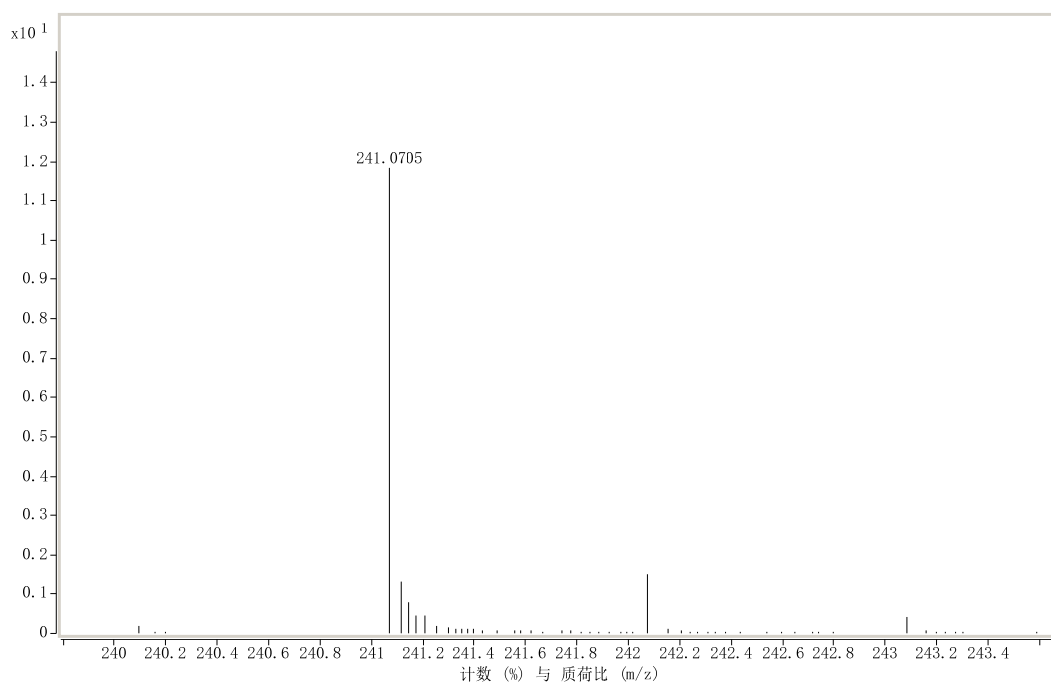


Figure S17. HRESIMS spectrum for **3**

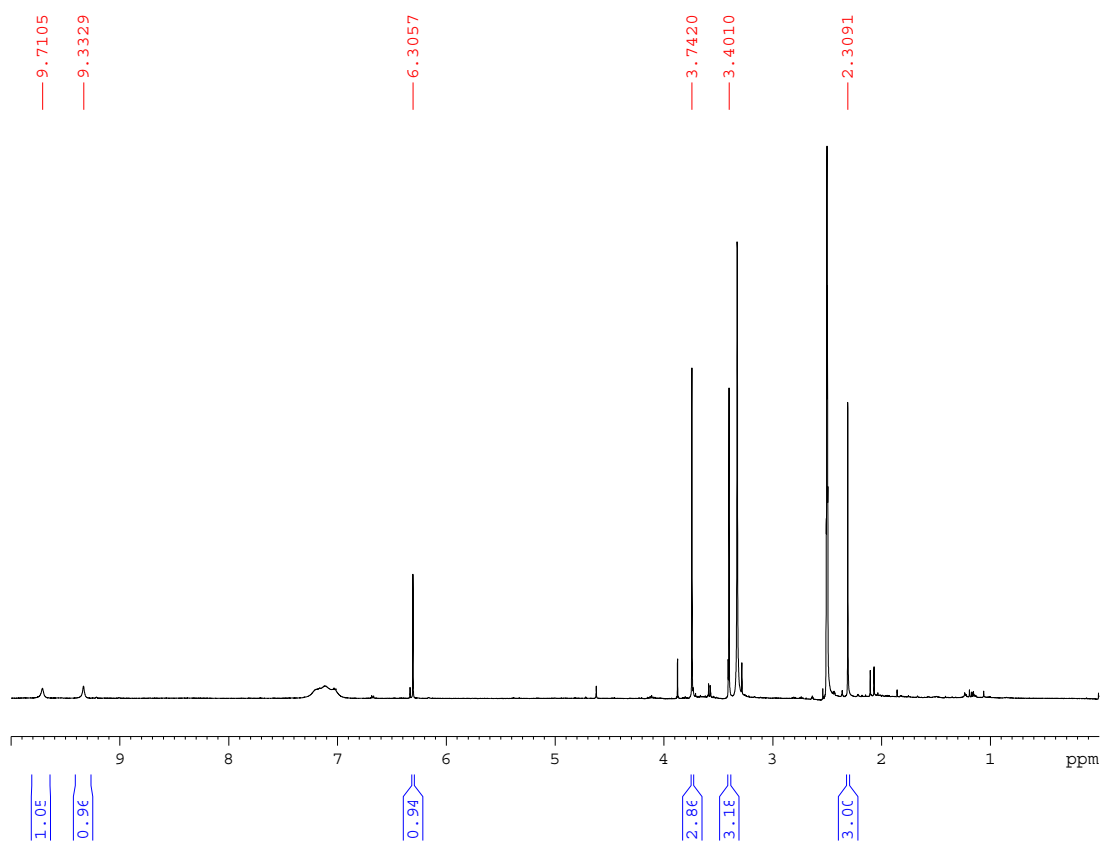


Figure S18. ^1H NMR spectrum (500 MHz, $\text{DMSO-}d_6$) of **3**

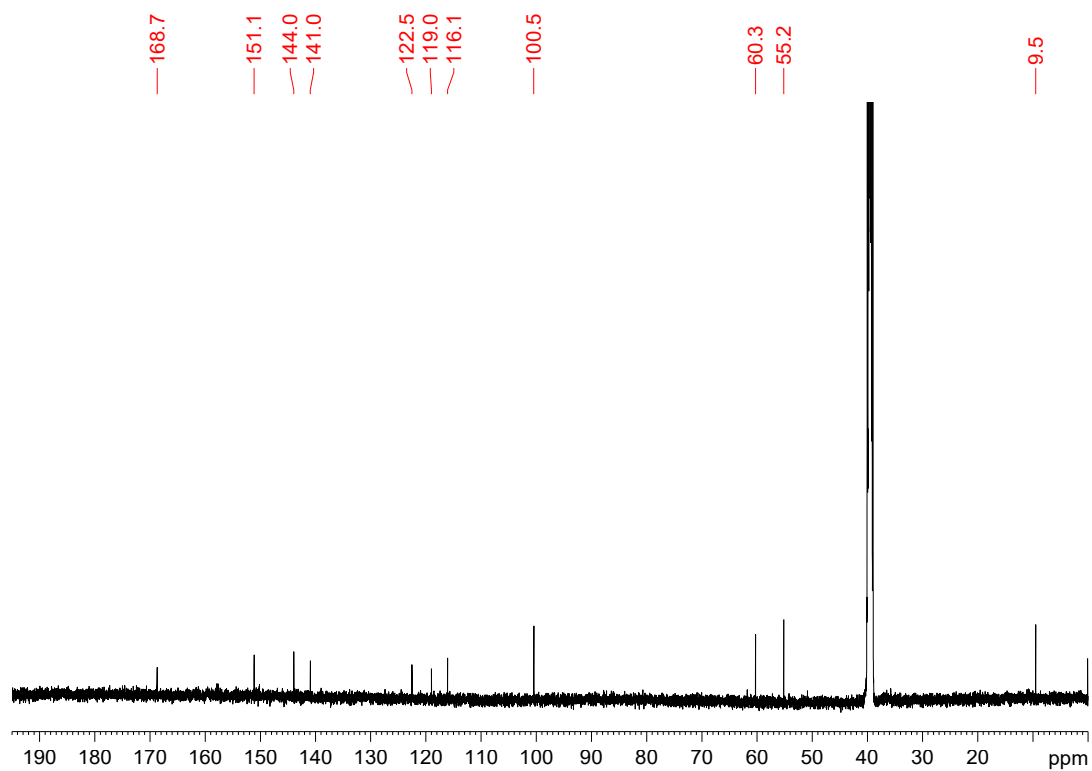


Figure S19. ^{13}C NMR spectrum (125 MHz, $\text{DMSO-}d_6$) of **3**

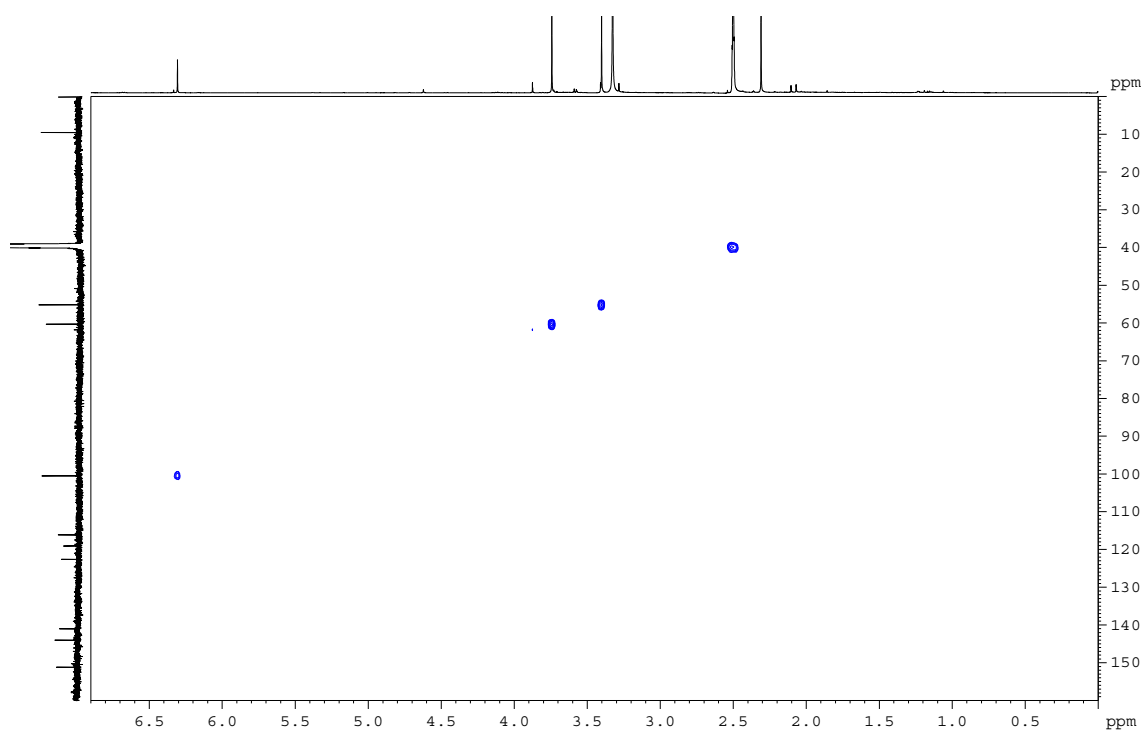


Figure S20. HSQC spectrum (500 MHz, $\text{DMSO-}d_6$) of **3**

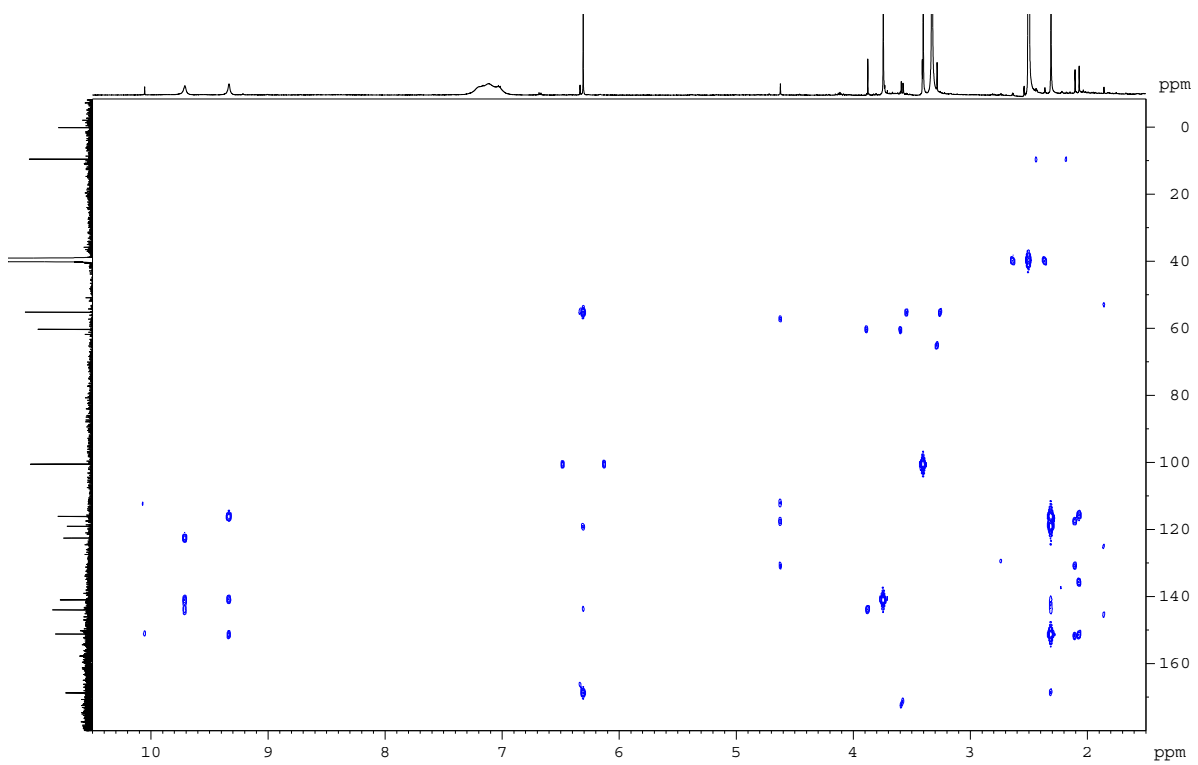


Figure S21. HMBC spectrum (500 MHz, $\text{DMSO-}d_6$) of **3**

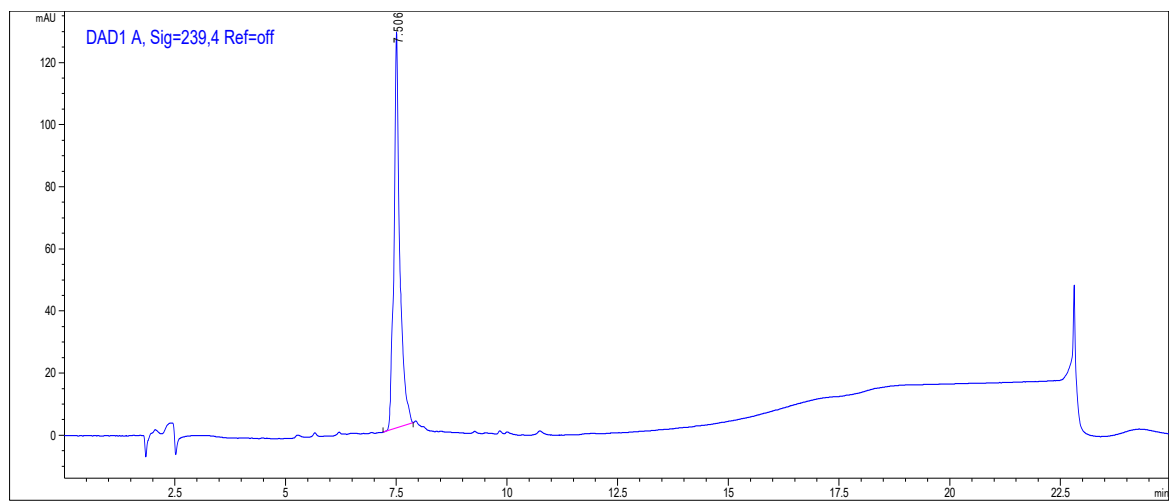


Figure S22. HPLC profile of **3**

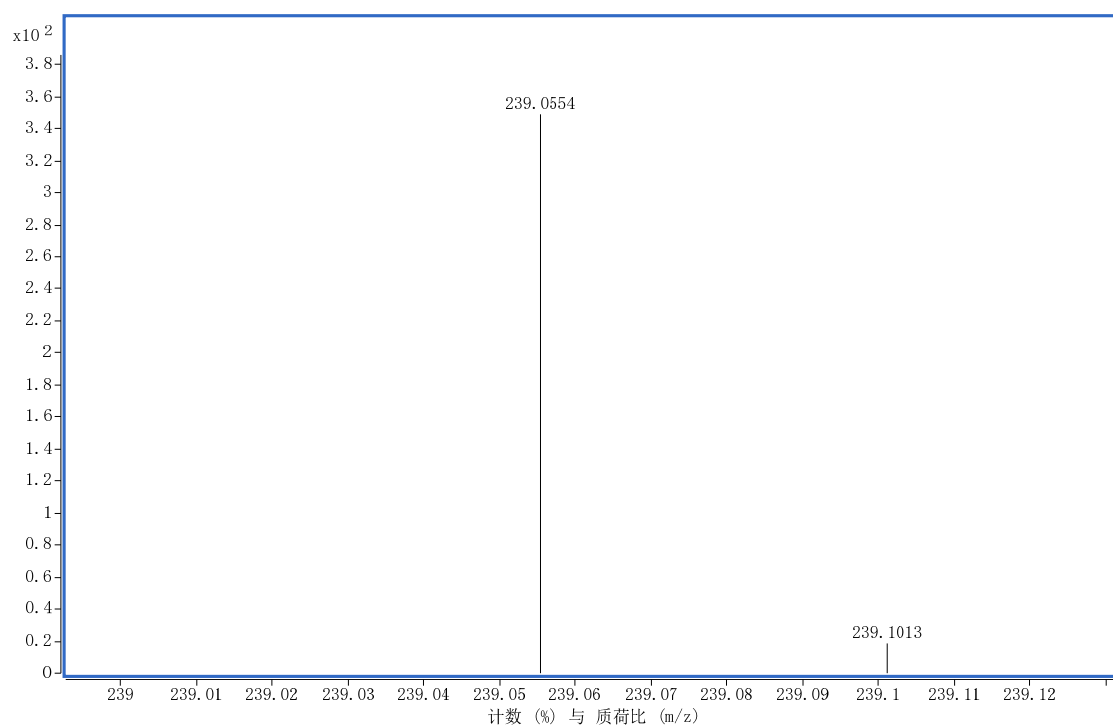


Figure S23. HRESIMS spectrum for 4

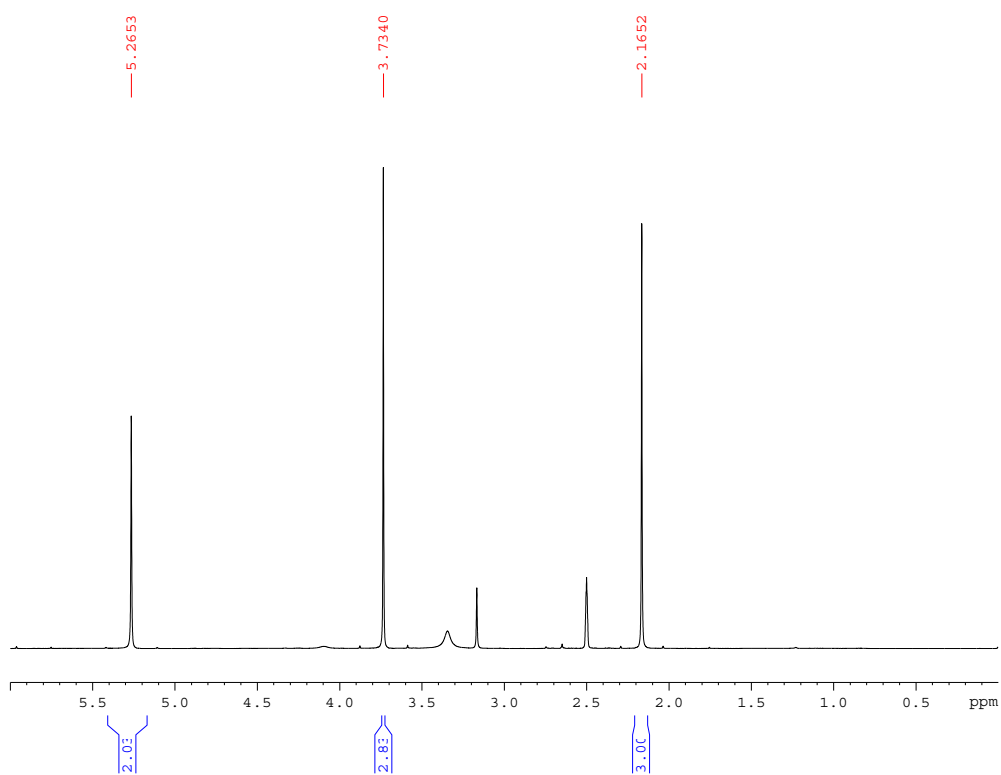


Figure S24. ¹H NMR spectrum (500 MHz, DMSO-*d*₆) of 4

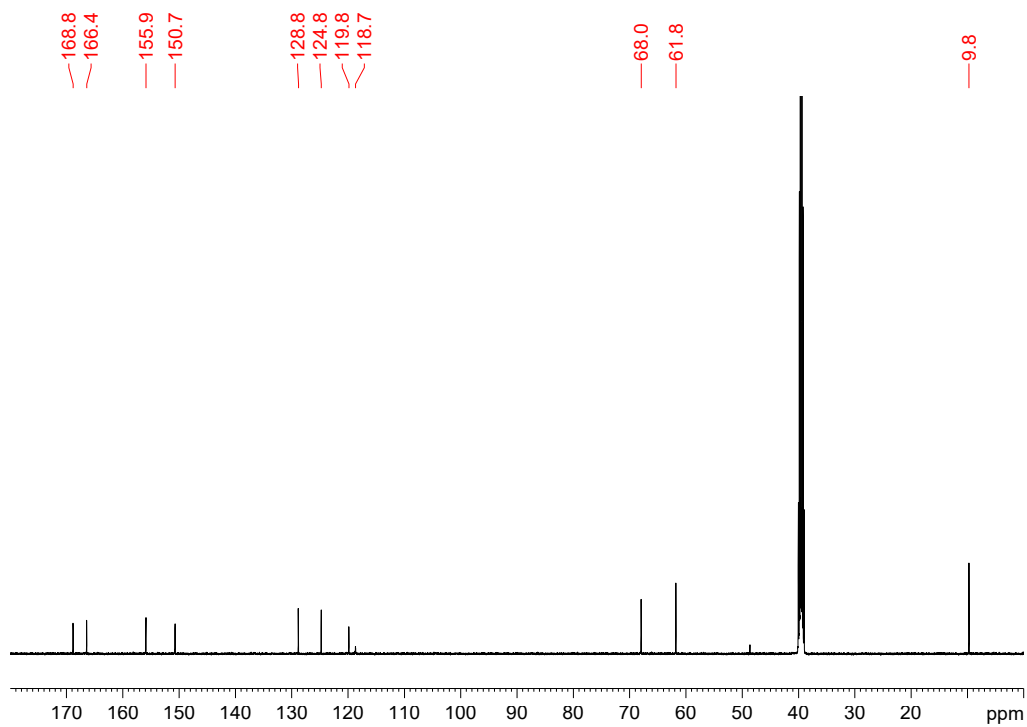


Figure S25. ^{13}C NMR spectrum (125 MHz, $\text{DMSO-}d_6$) of **4**

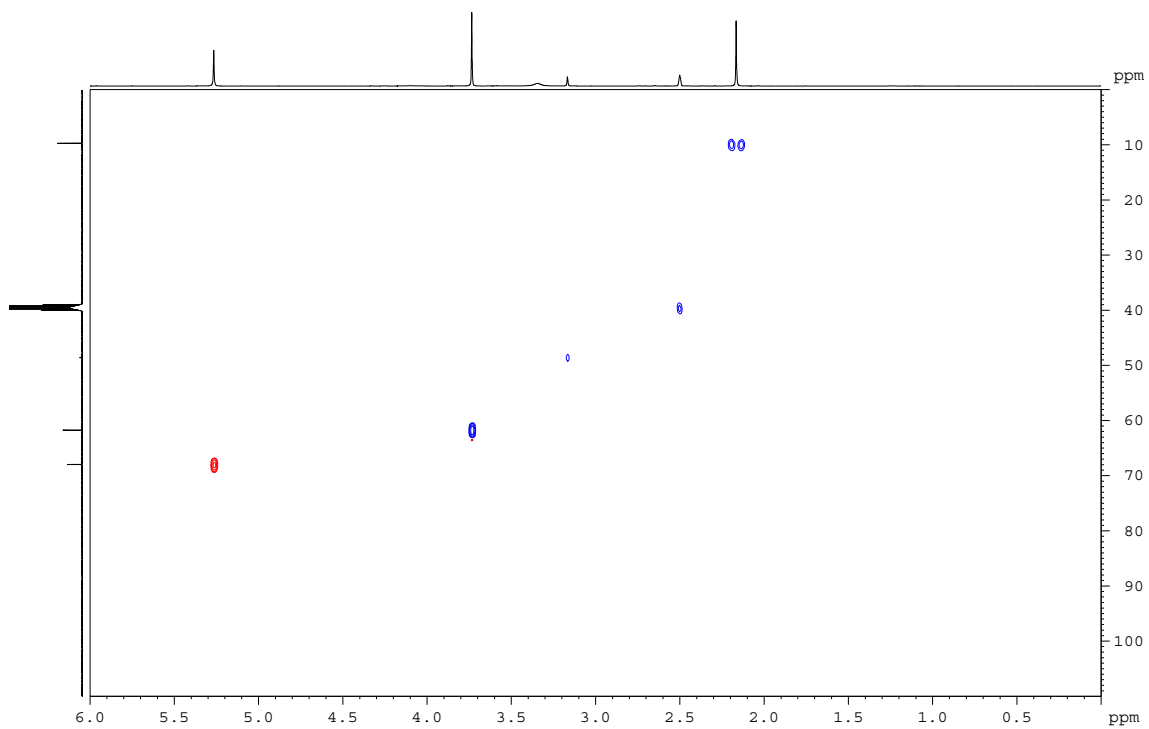


Figure S26. HSQC spectrum (500 MHz, $\text{DMSO-}d_6$) of **4**

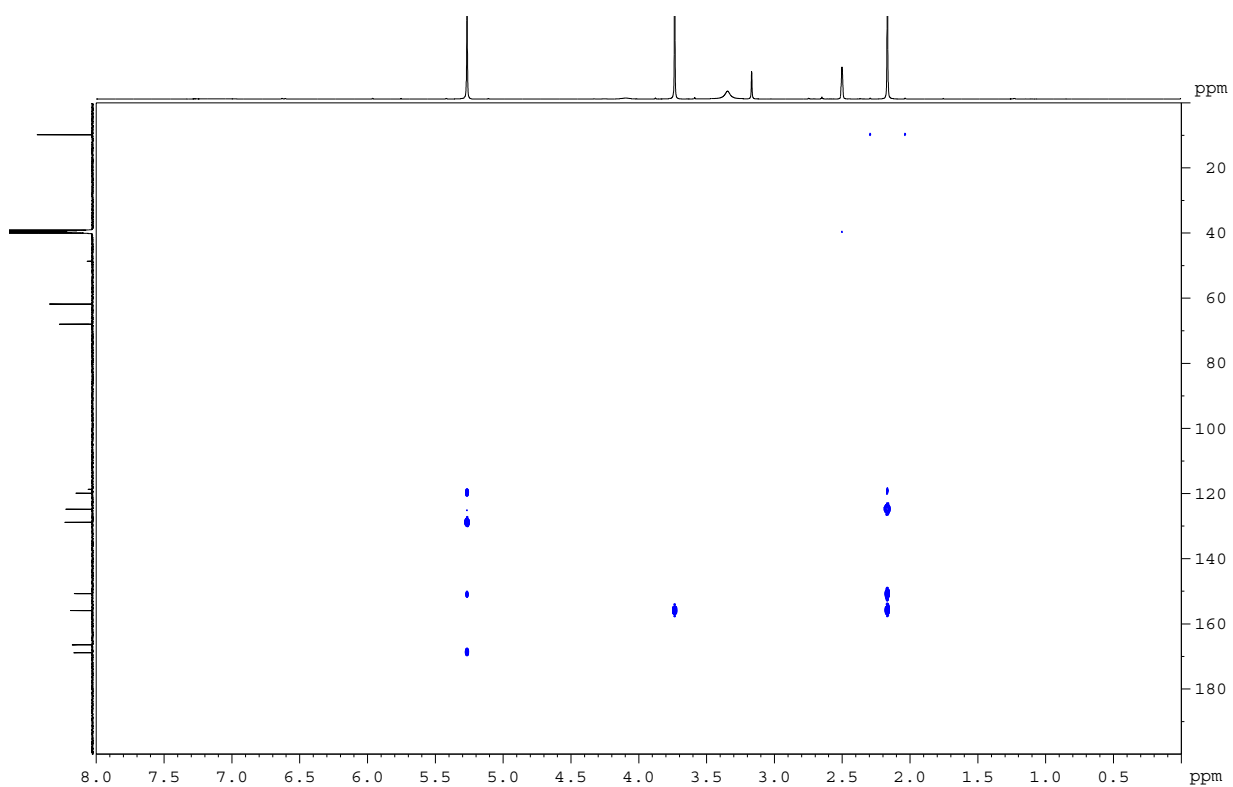


Figure S27. HMBC spectrum (500 MHz, DMSO-*d*₆) of **4**

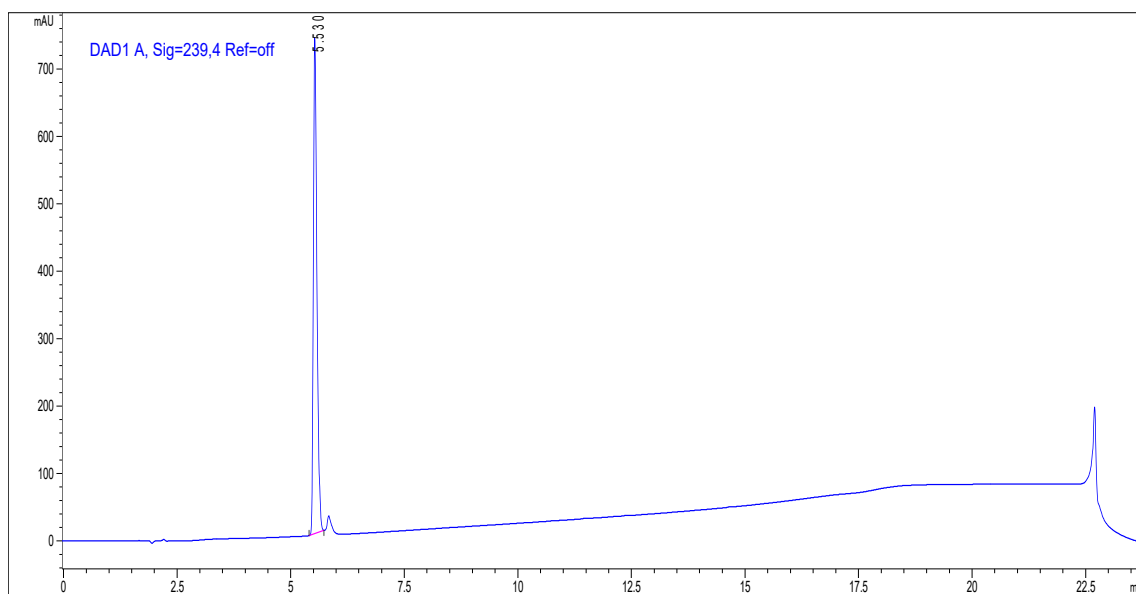


Figure S28. HPLC profile of **4**

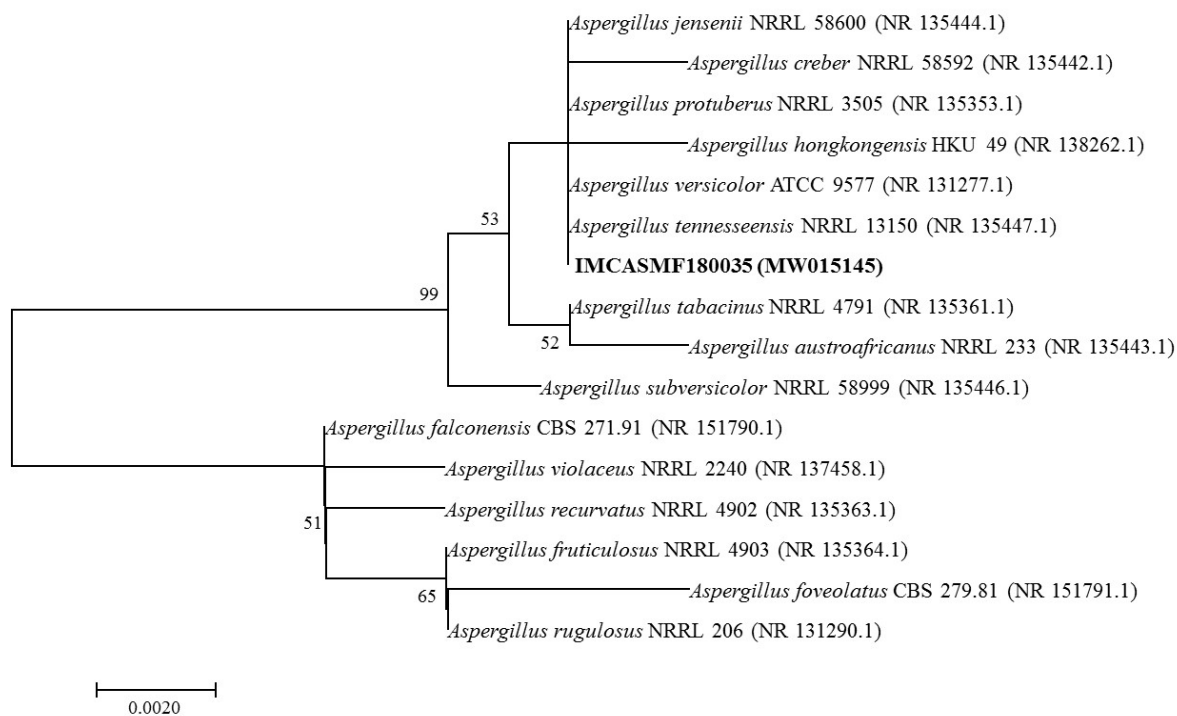


Figure S29. Neighbor-joining phylogenetic tree of IMCASM180035 and its most related type strains based on internal transcribed spacer region (ITS) from NCBI ITS database. Numbers at nodes indicate levels of bootstrap support (%) based on a neighbor joining analysis of 1,000 resampled datasets; only values >50 % are given. NCBI accession numbers are given in parentheses. Bar 0.002 nucleotide substitutions per site.