

Supporting Information for

Microbial glycosylation of antitubercular agent chlorflavonin

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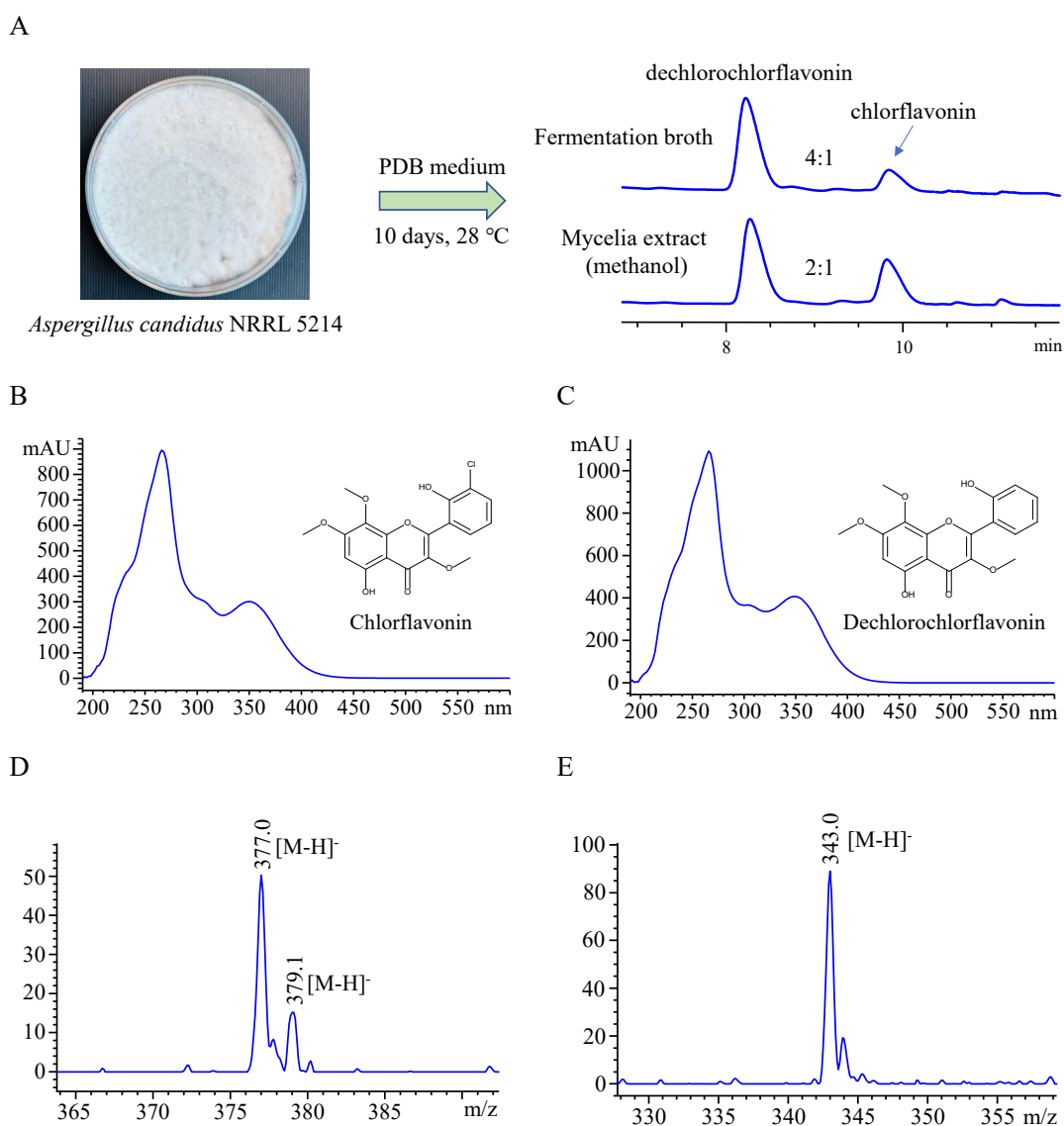


Figure S1. Flavonoids produced from *Aspergillus candidus* NRRL 5214. (A) Production ratio of dechlorochlorflavonin and chlorflavonin in the fermentation broth and mycelia extract via methanol after 10 days of fermentation in PDB medium at 28 °C; (B) UV spectrum of chlorflavonin; (C) UV spectrum of dechlorochlorflavonin; (D) ESI-MS (-) spectrum of chlorflavonin; (E) ESI-MS (-) spectrum of dechlorochlorflavonin.

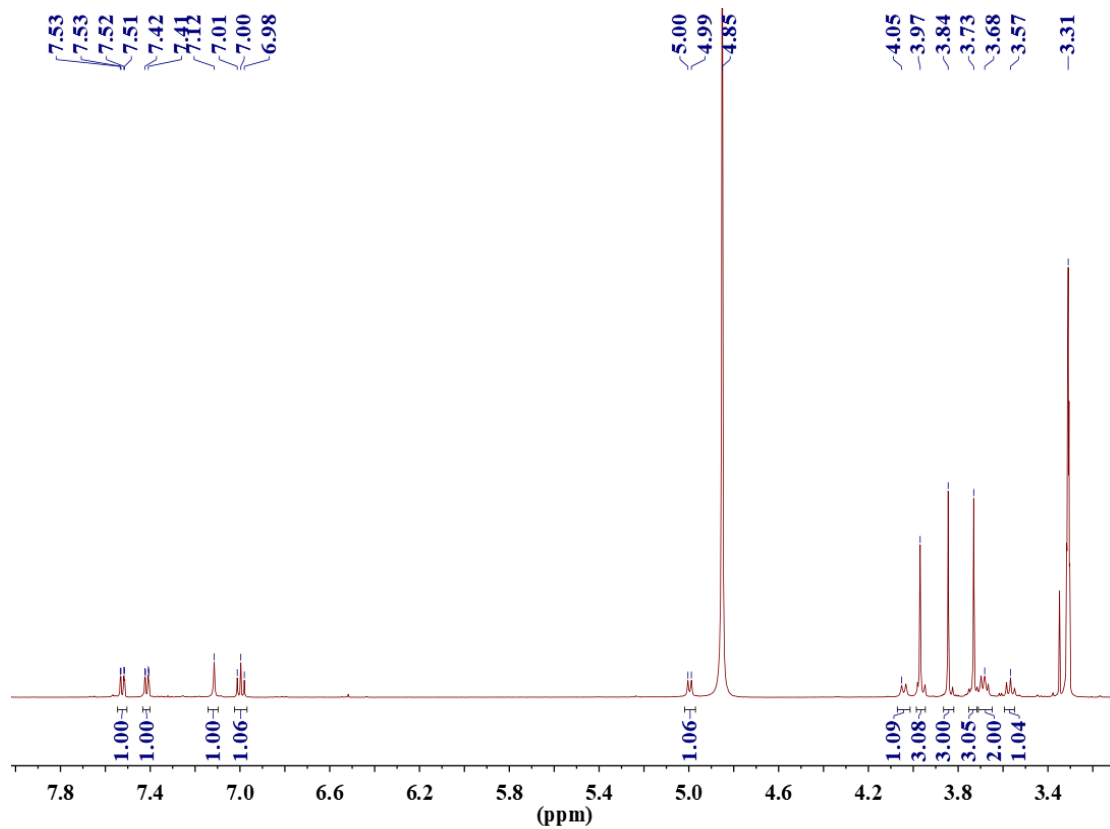


Figure S2. ^1H NMR spectrum of product **1** (Methanol- d_4 , 500 MHz).

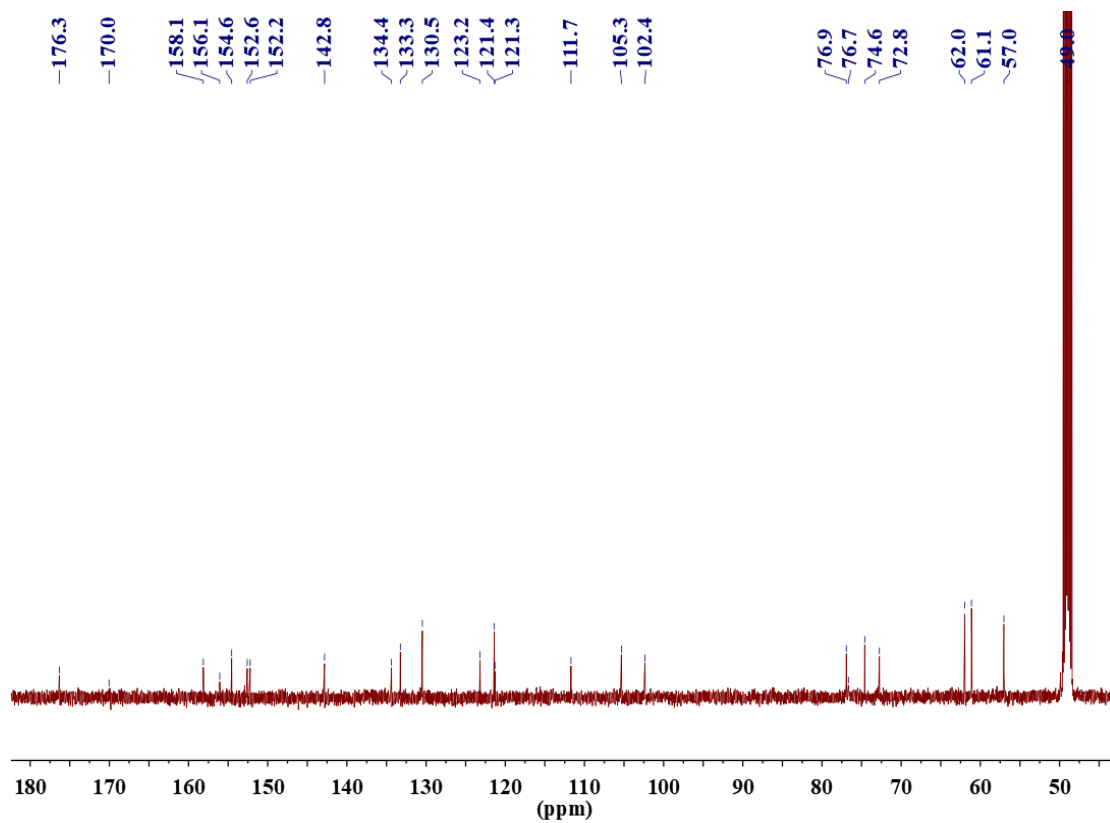


Figure S3. ^{13}C NMR spectrum of product **1** (Methanol- d_4 , 125 MHz).

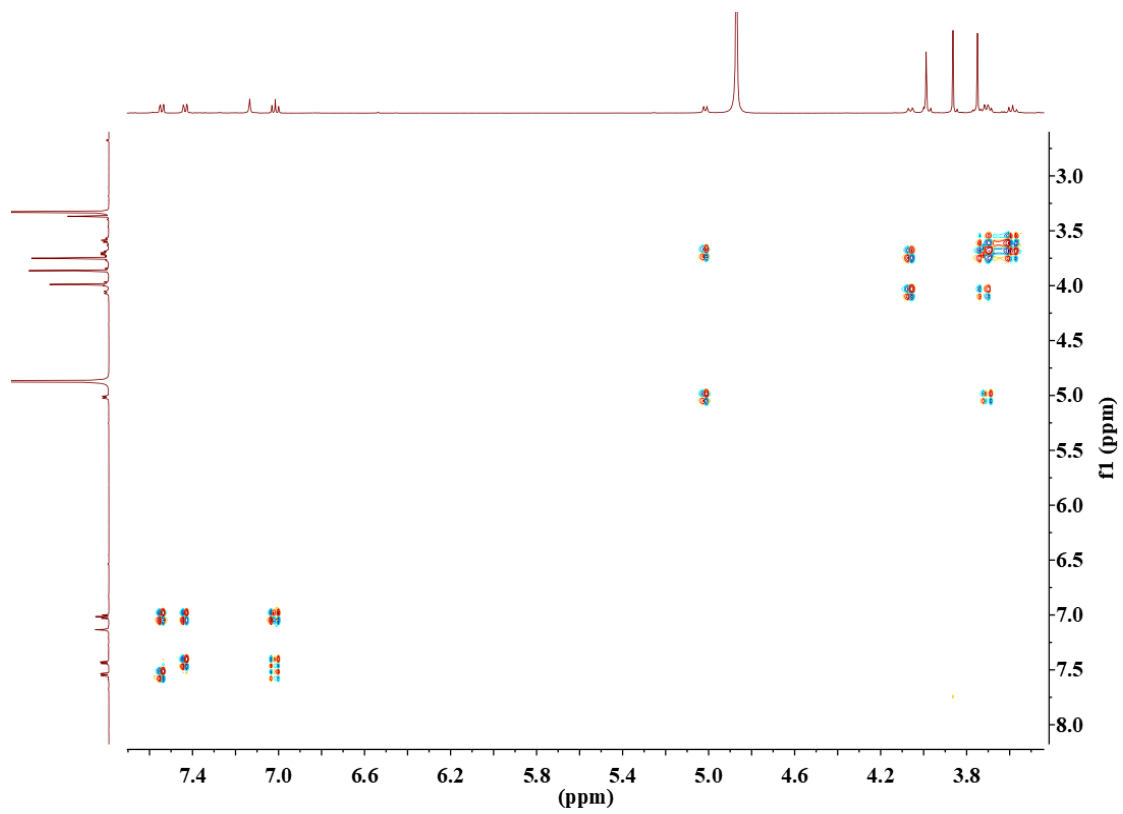


Figure S4. ¹H-¹H COSY spectrum of product **1** in Methanol-*d*₄.

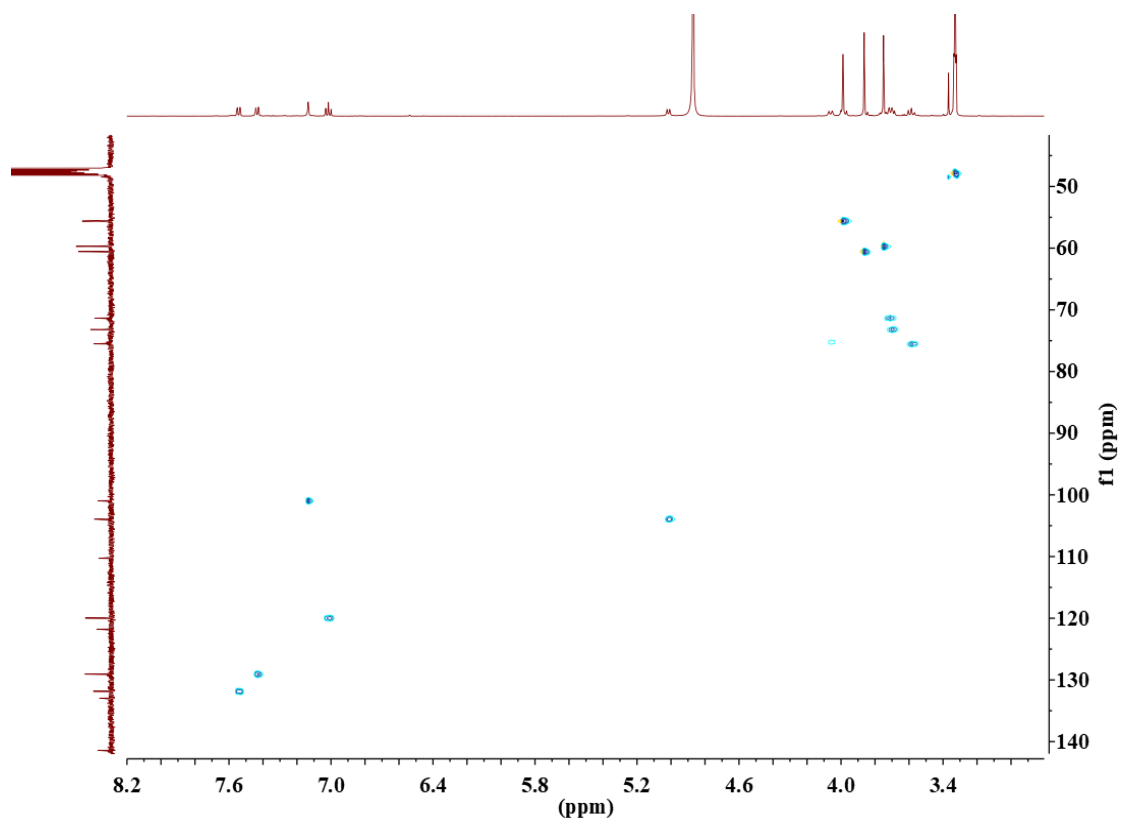


Figure S5. HSQC spectrum of product **1** in Methanol-*d*₄.

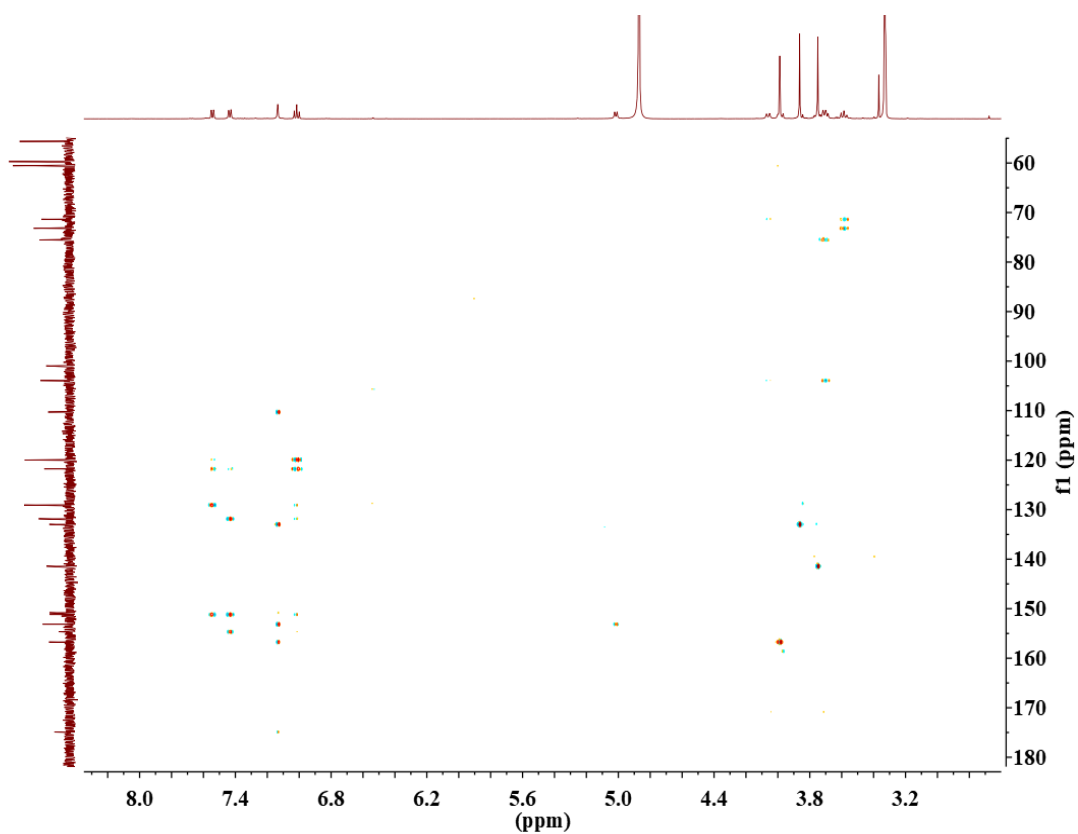


Figure S6. HMBC spectrum of product **1** in Methanol- d_4 .

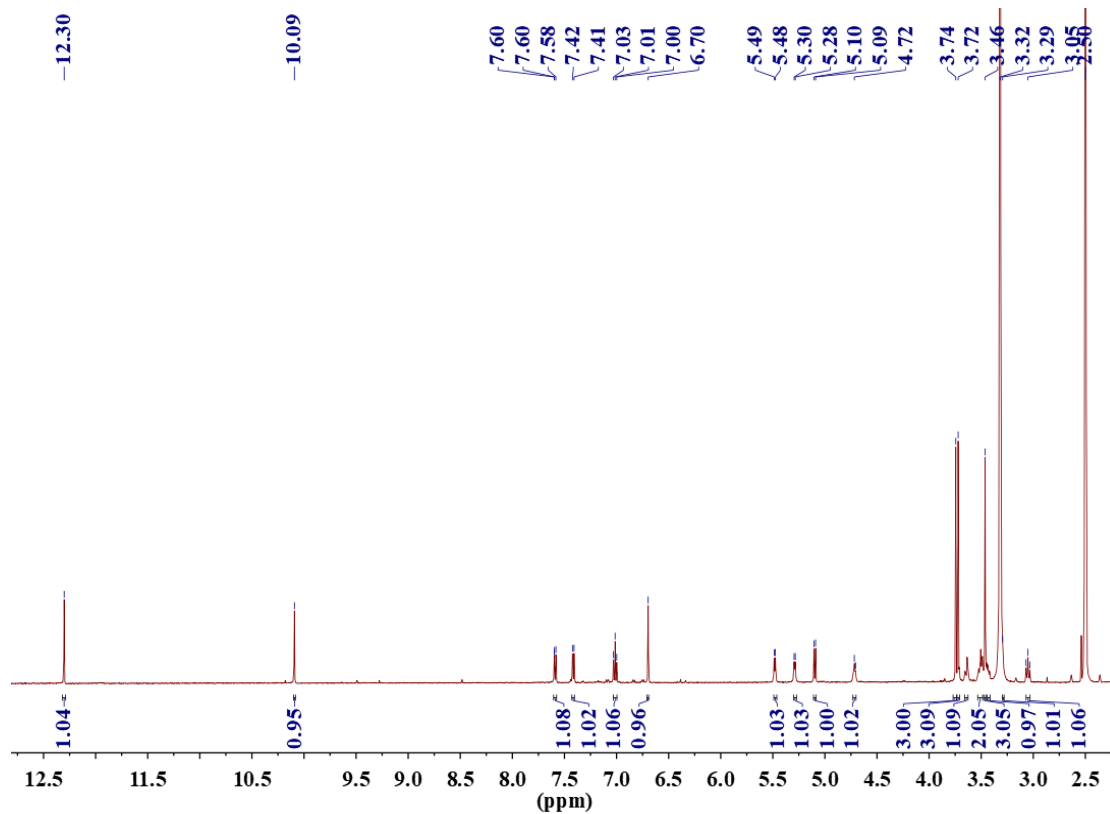


Figure S7. ^1H NMR spectrum of product **2** (DMSO- d_6 , 500 MHz).

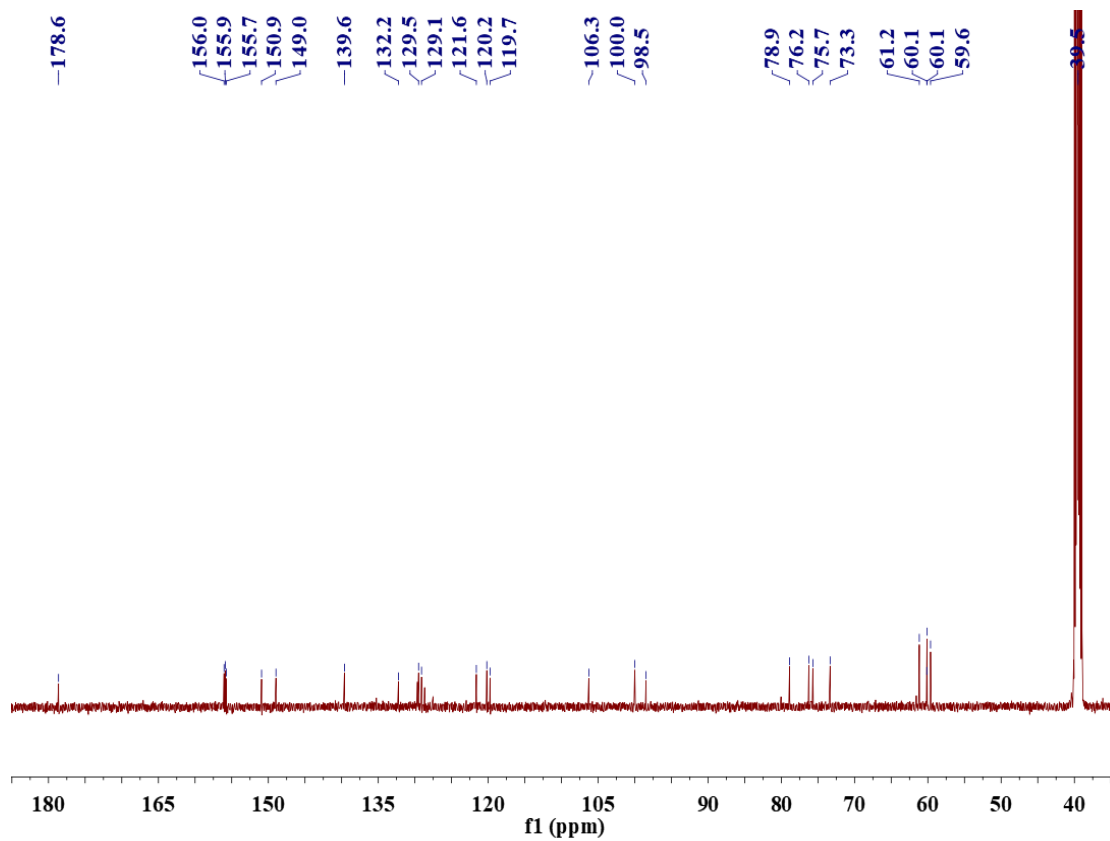


Figure S8. ^{13}C NMR spectrum of product **2** ($\text{DMSO-}d_6$, 125 MHz).

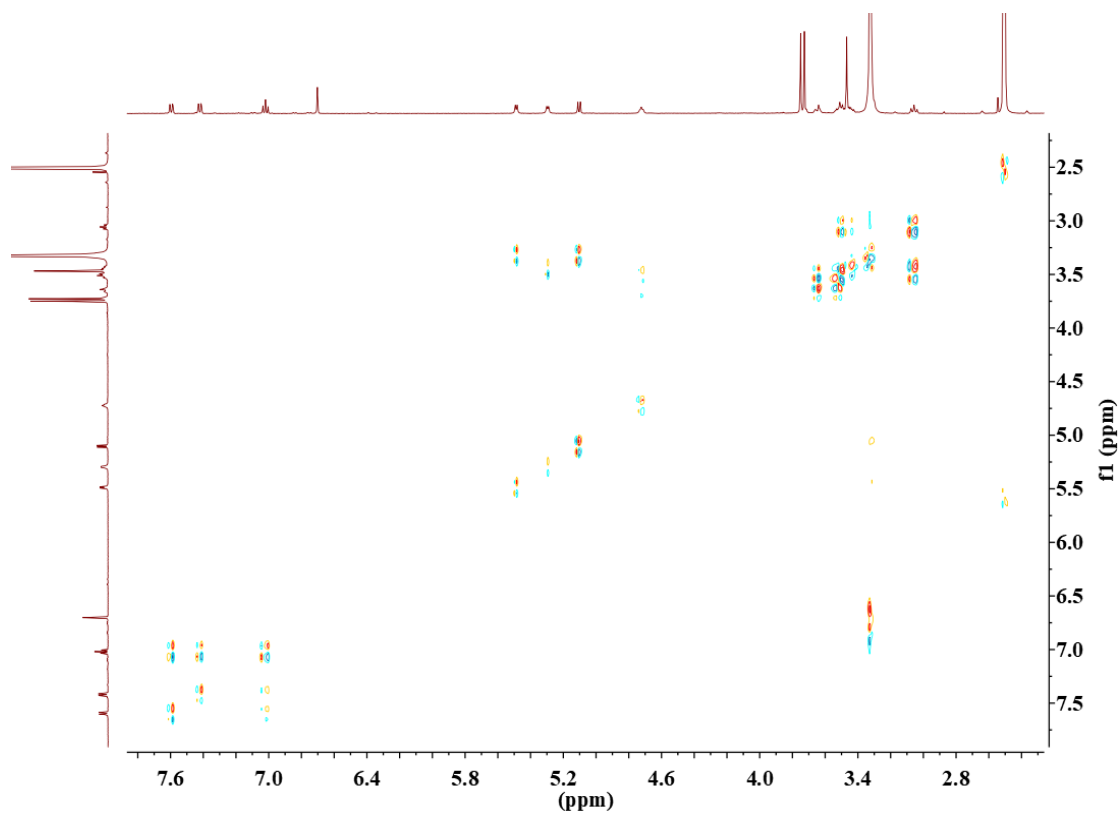


Figure S9. $^1\text{H-}^1\text{H}$ COSY spectrum of product **2** in $\text{DMSO-}d_6$.

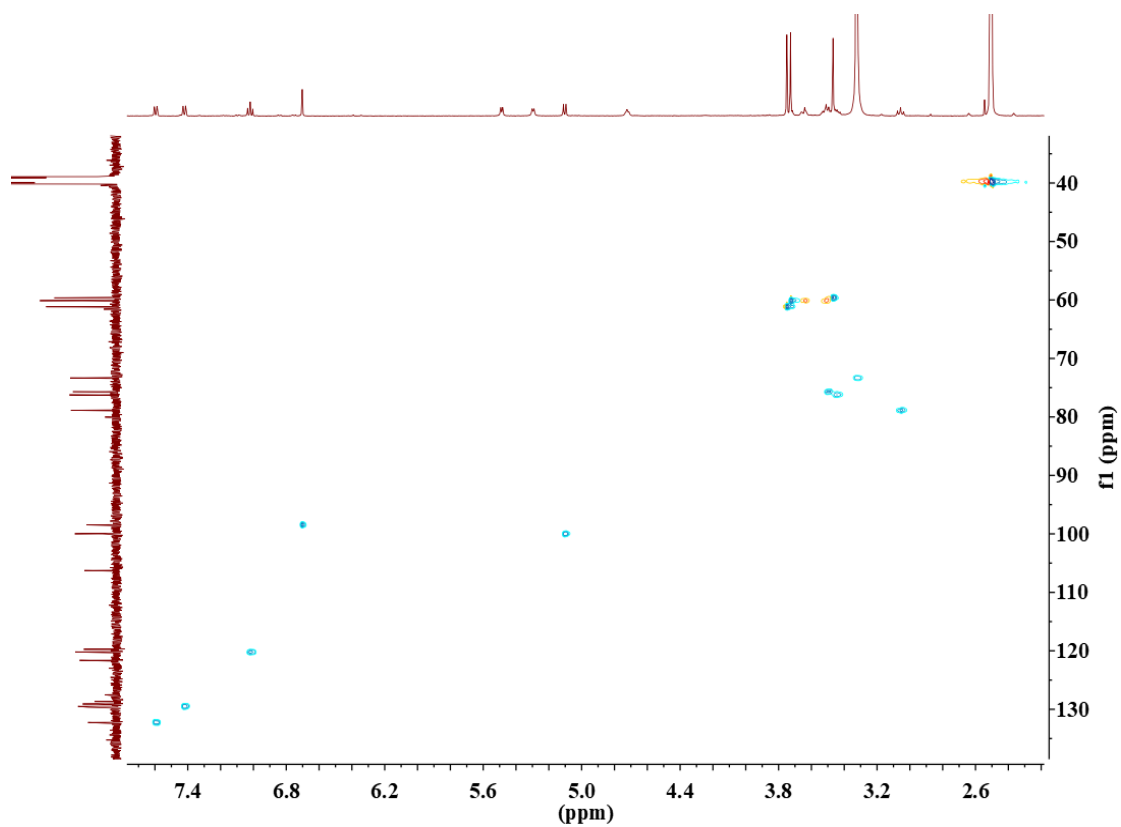


Figure S10. HSQC spectrum of product **2** in DMSO-*d*₆.

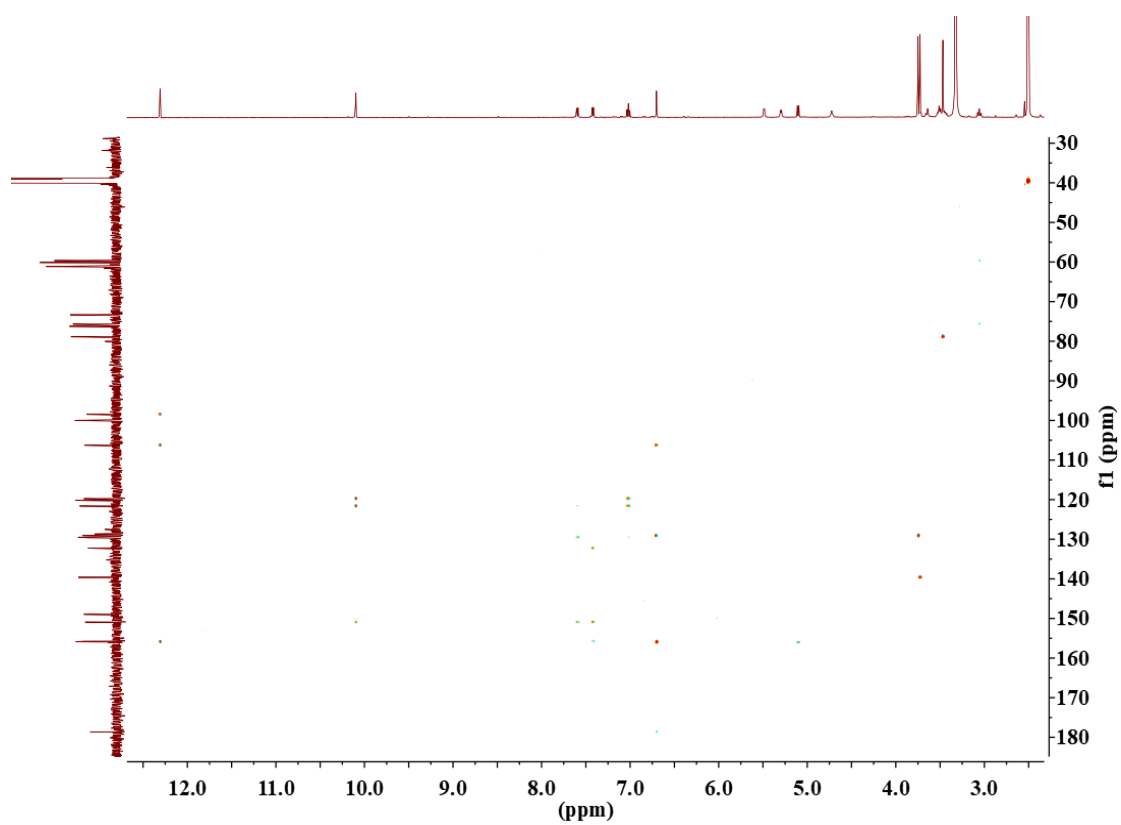


Figure S11. HMBC spectrum of product **2** in DMSO-*d*₆.