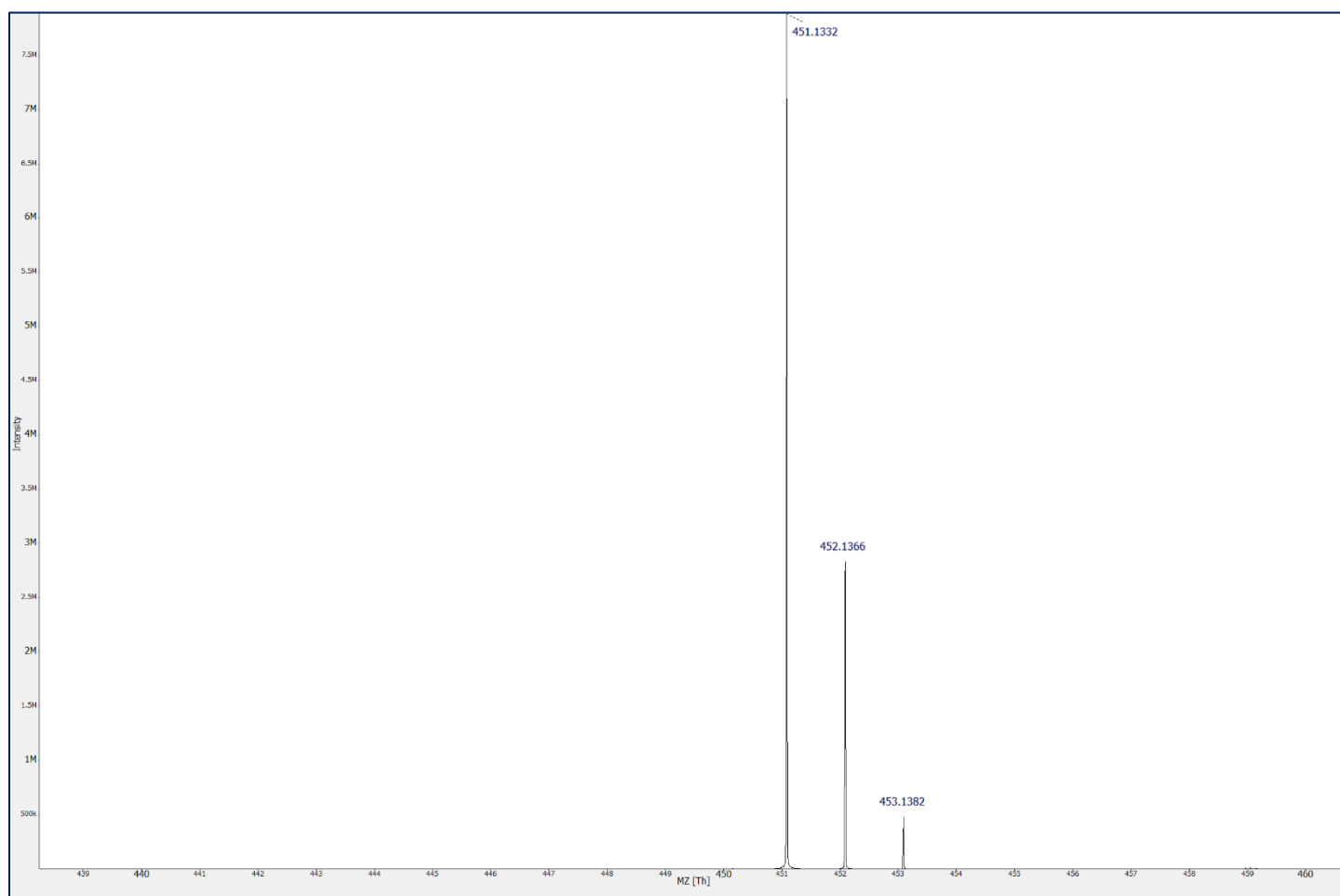


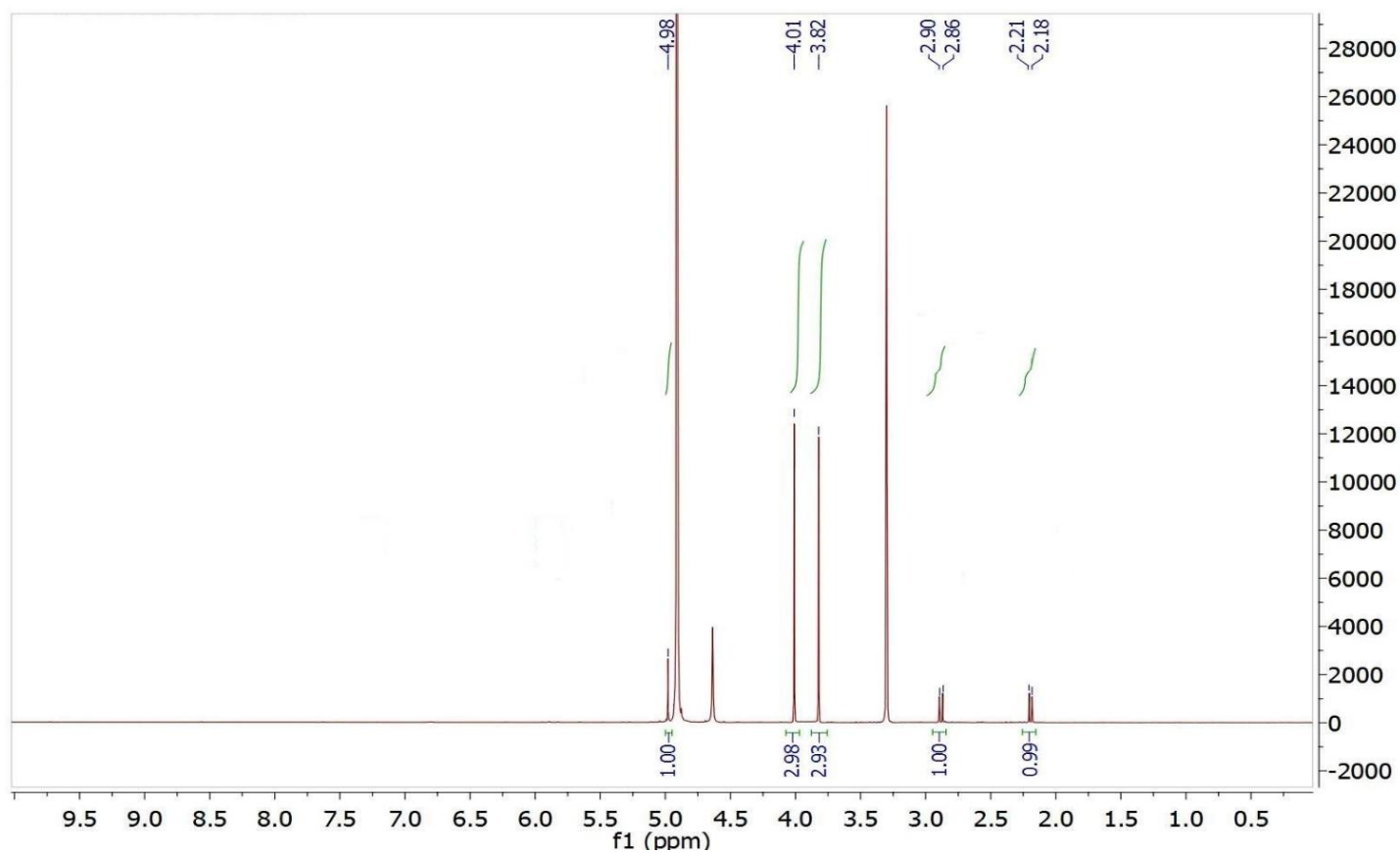
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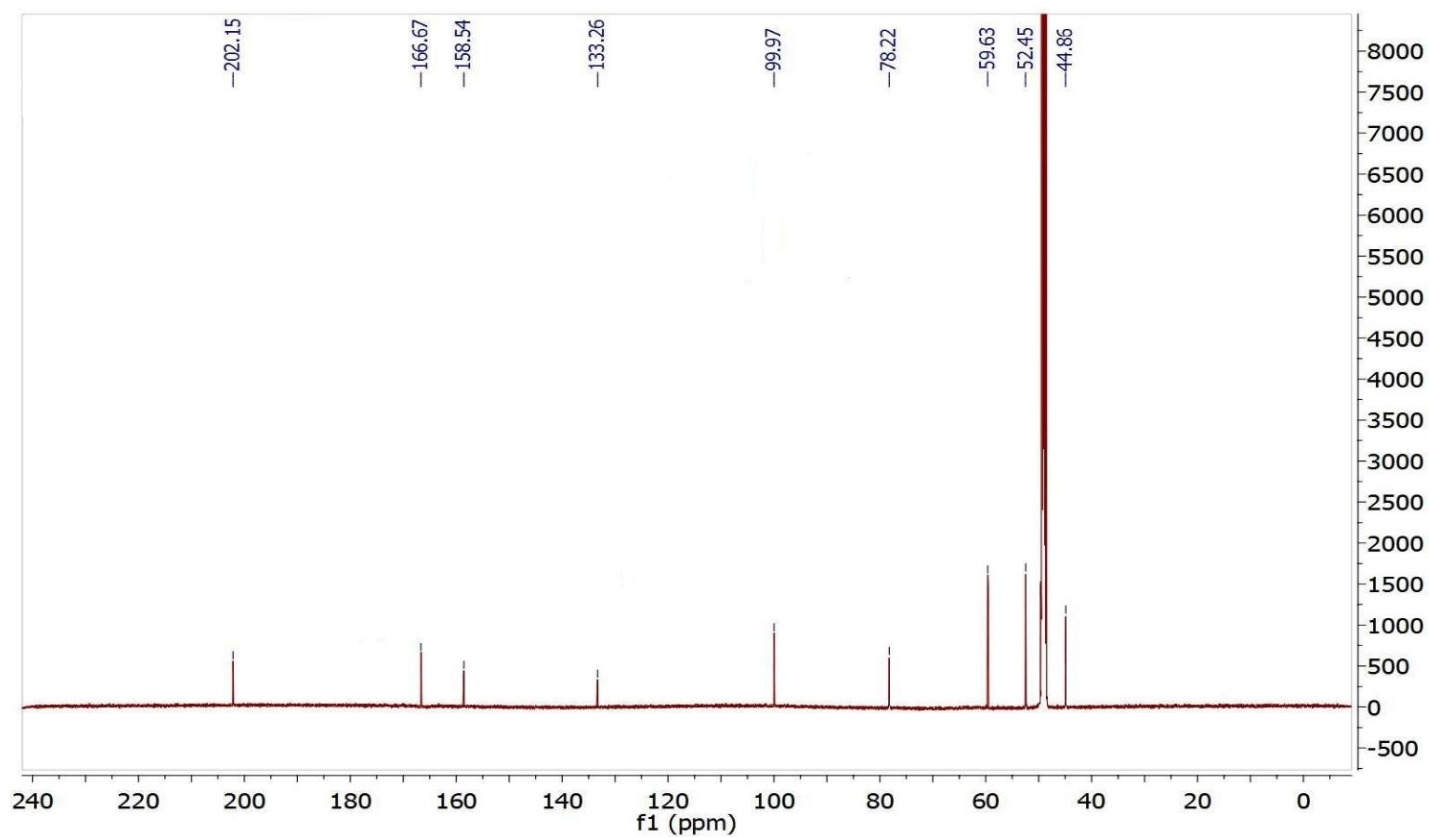
**Figure S1.** HRESIMS spectrum of fusaripyridine A (**1**).



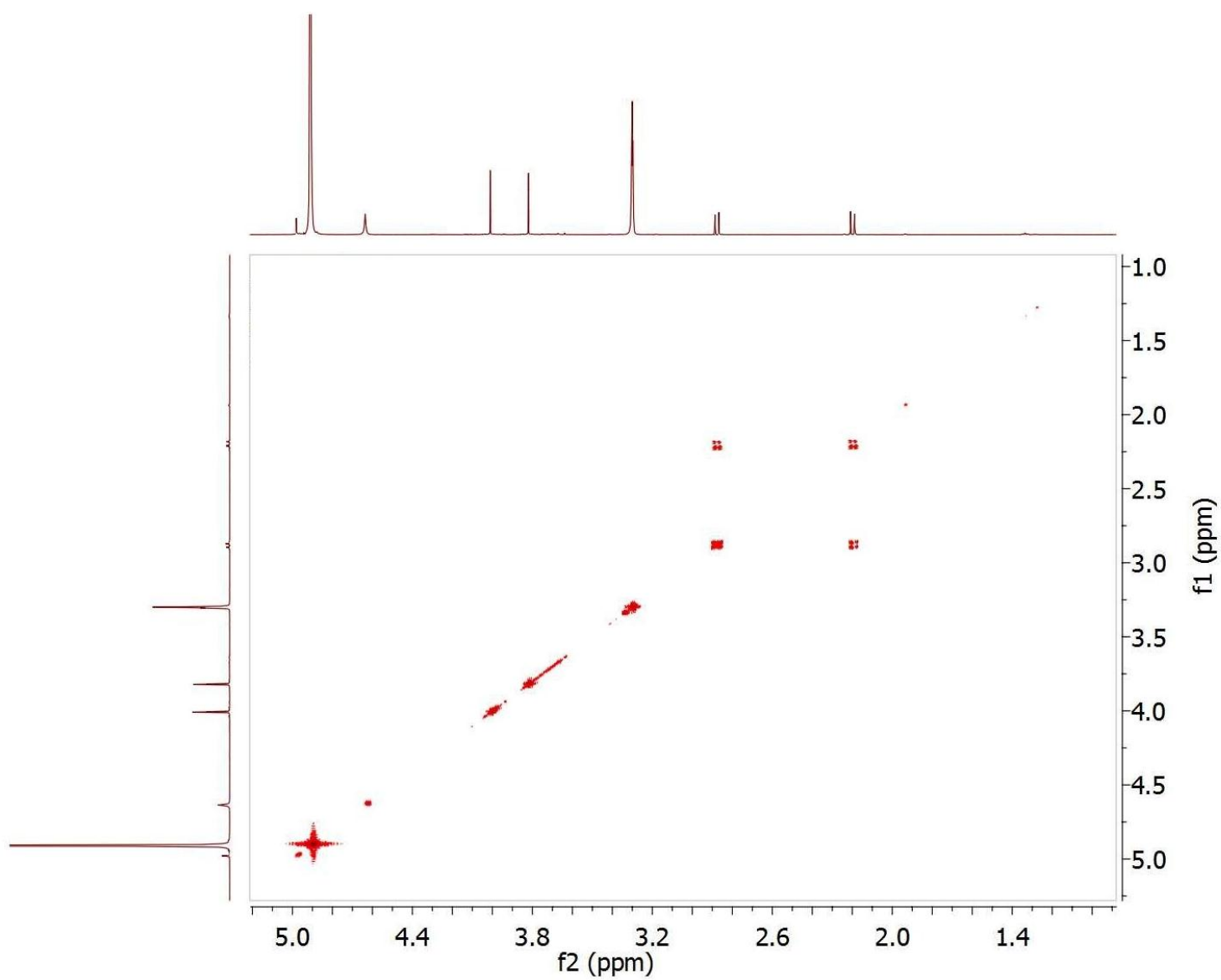
**Figure S2.** 600 MHz  $^1\text{H}$  NMR spectrum of fusaripyridine A (**1**) ( $\text{CD}_3\text{OD}$ ).



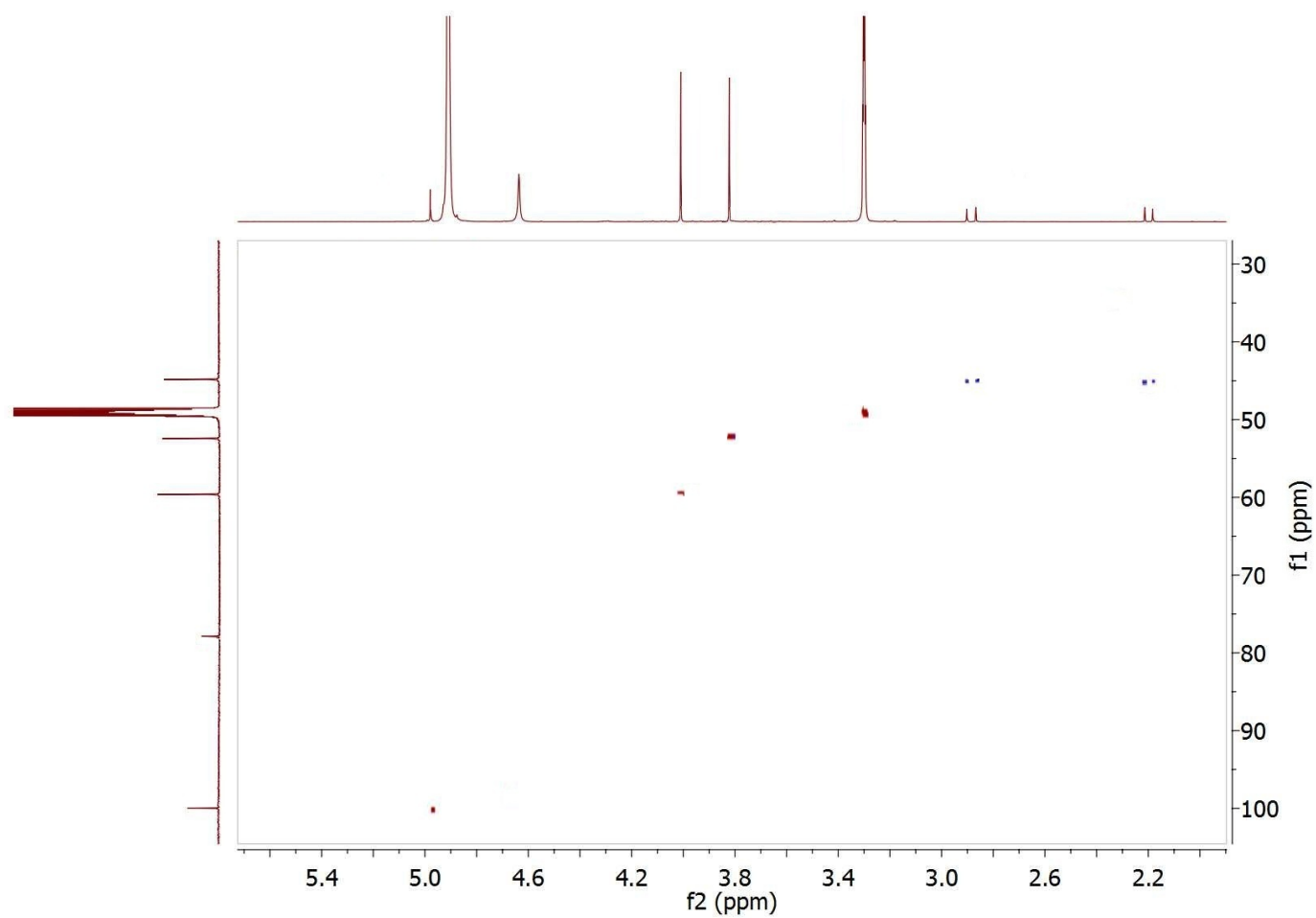
**Figure S3.** 150 MHz  $^{13}\text{C}$  NMR spectrum of fusaripyridine A (**1**) ( $\text{CD}_3\text{OD}$ ).



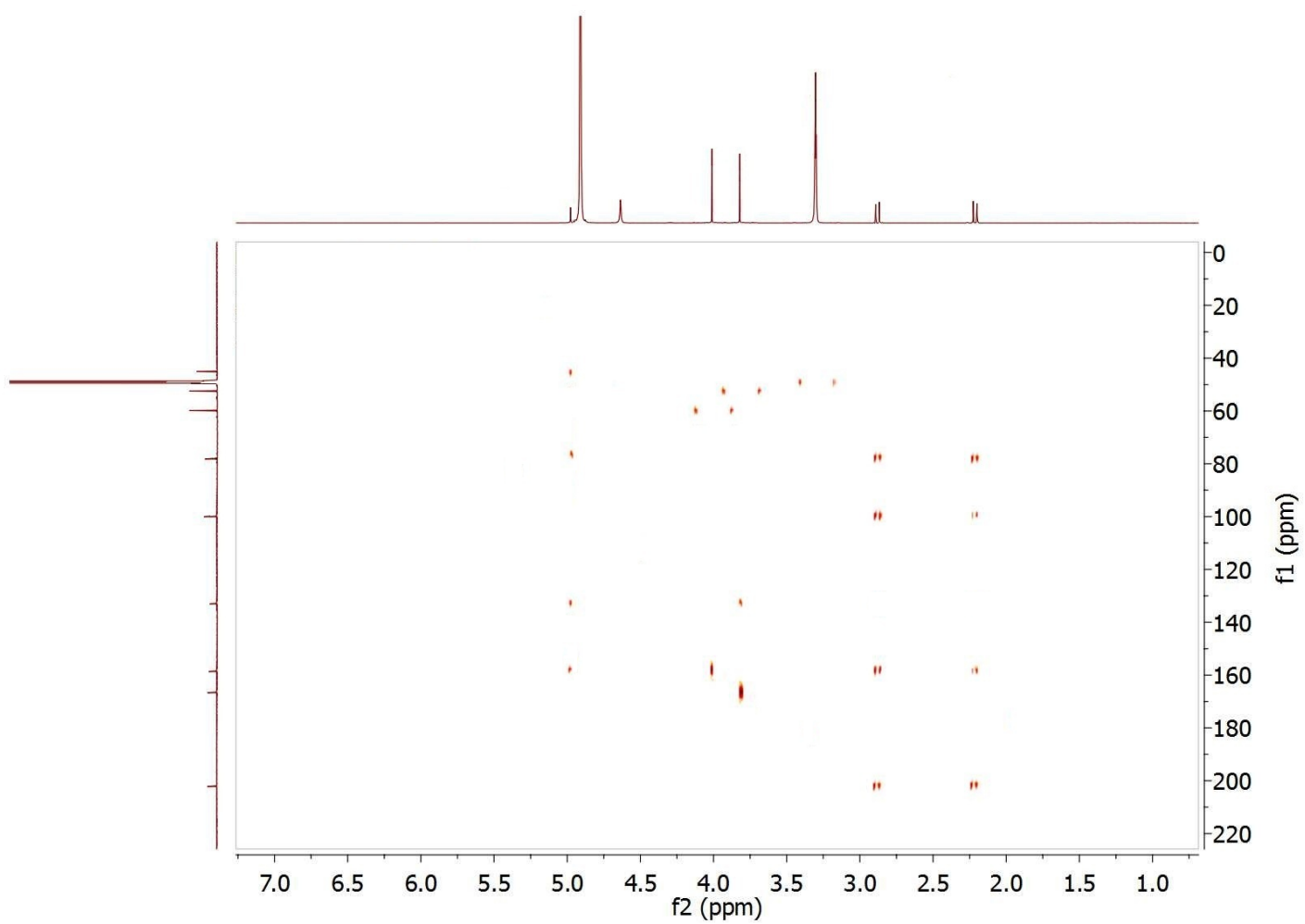
**Figure S4.**  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of fusaripyridine A (**1**) ( $\text{CD}_3\text{OD}$ ).



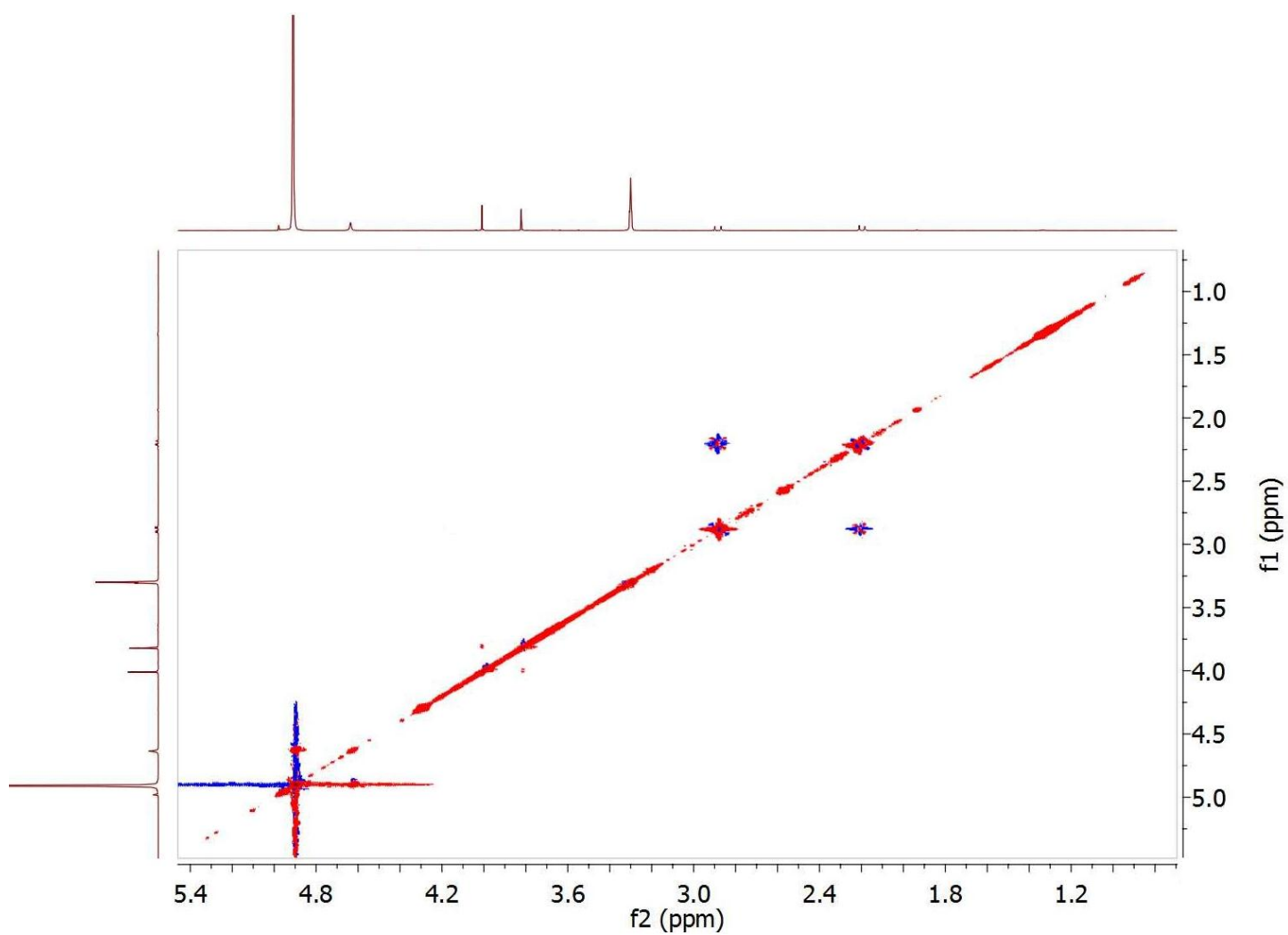
**Figure S5.** Multiplicity-edited HSQC spectrum of fusaripyridine A (**1**) (CD<sub>3</sub>OD).



**Figure S6.**  $^1\text{H}$ - $^{13}\text{C}$  HMBC spectrum of fusaripyridine A (**1**) ( $\text{CD}_3\text{OD}$ ).

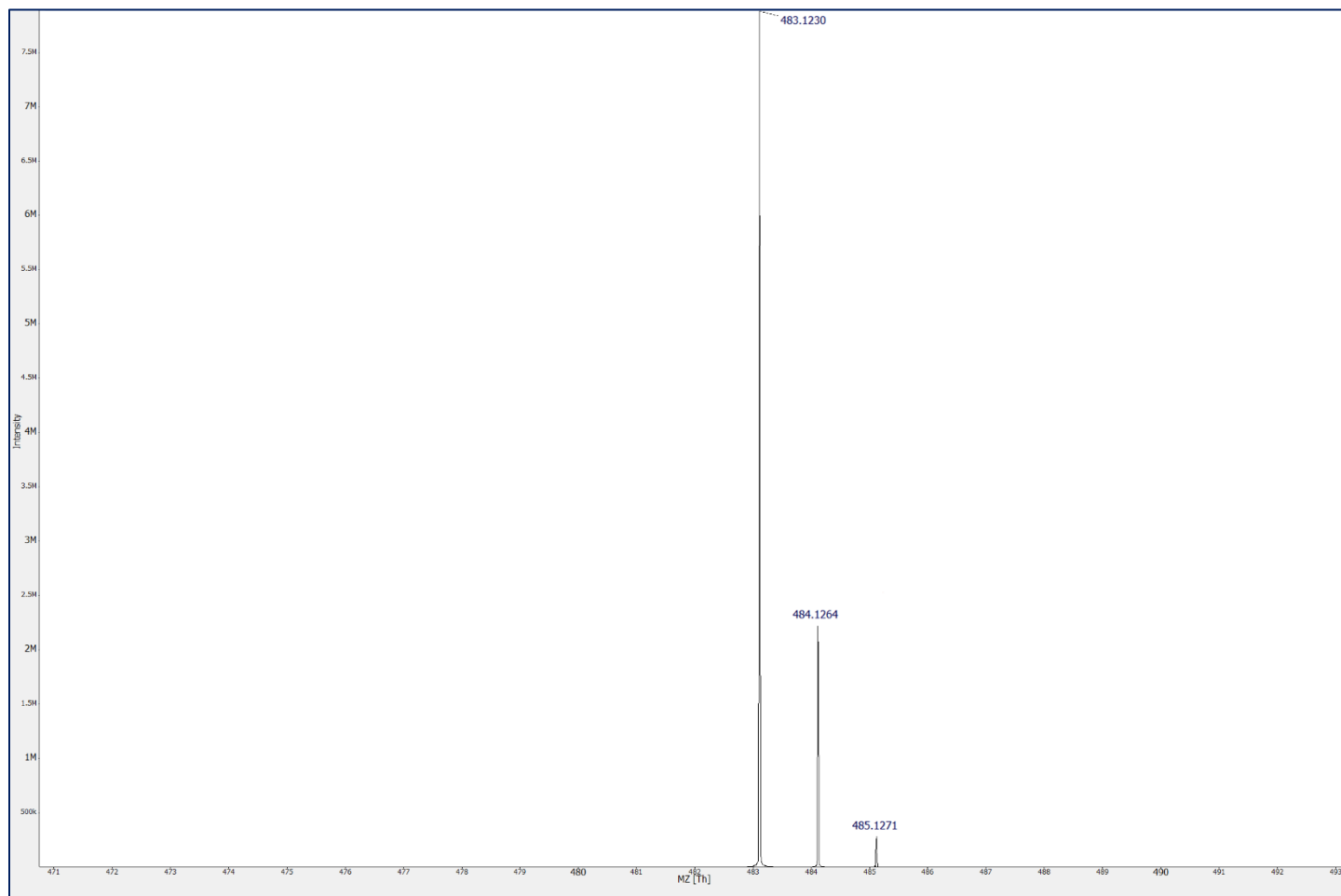


**Figure S7.**  $^1\text{H}$ - $^1\text{H}$  NOESY spectrum of fusaripyridine A (**1**) ( $\text{CD}_3\text{OD}$ ).

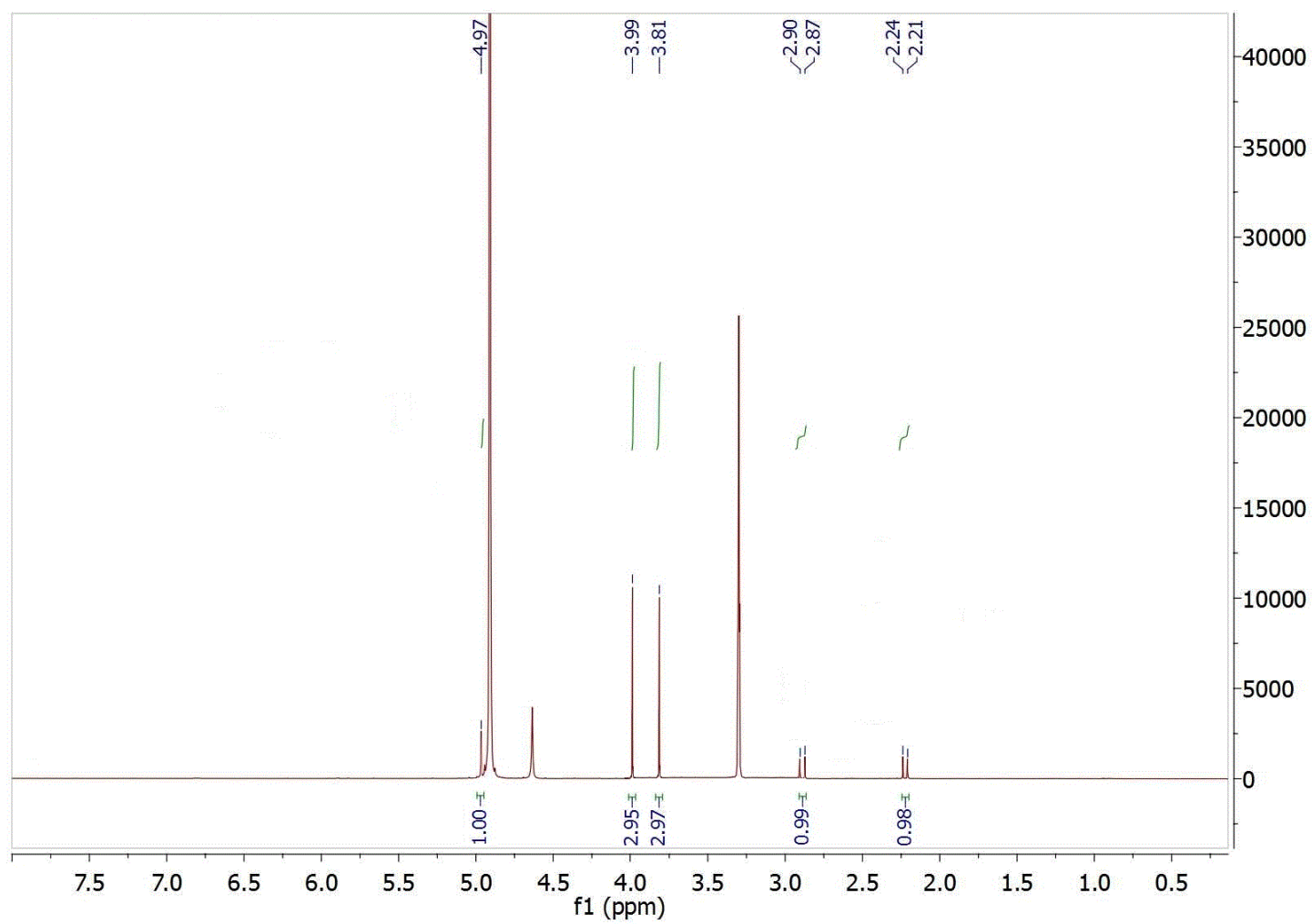




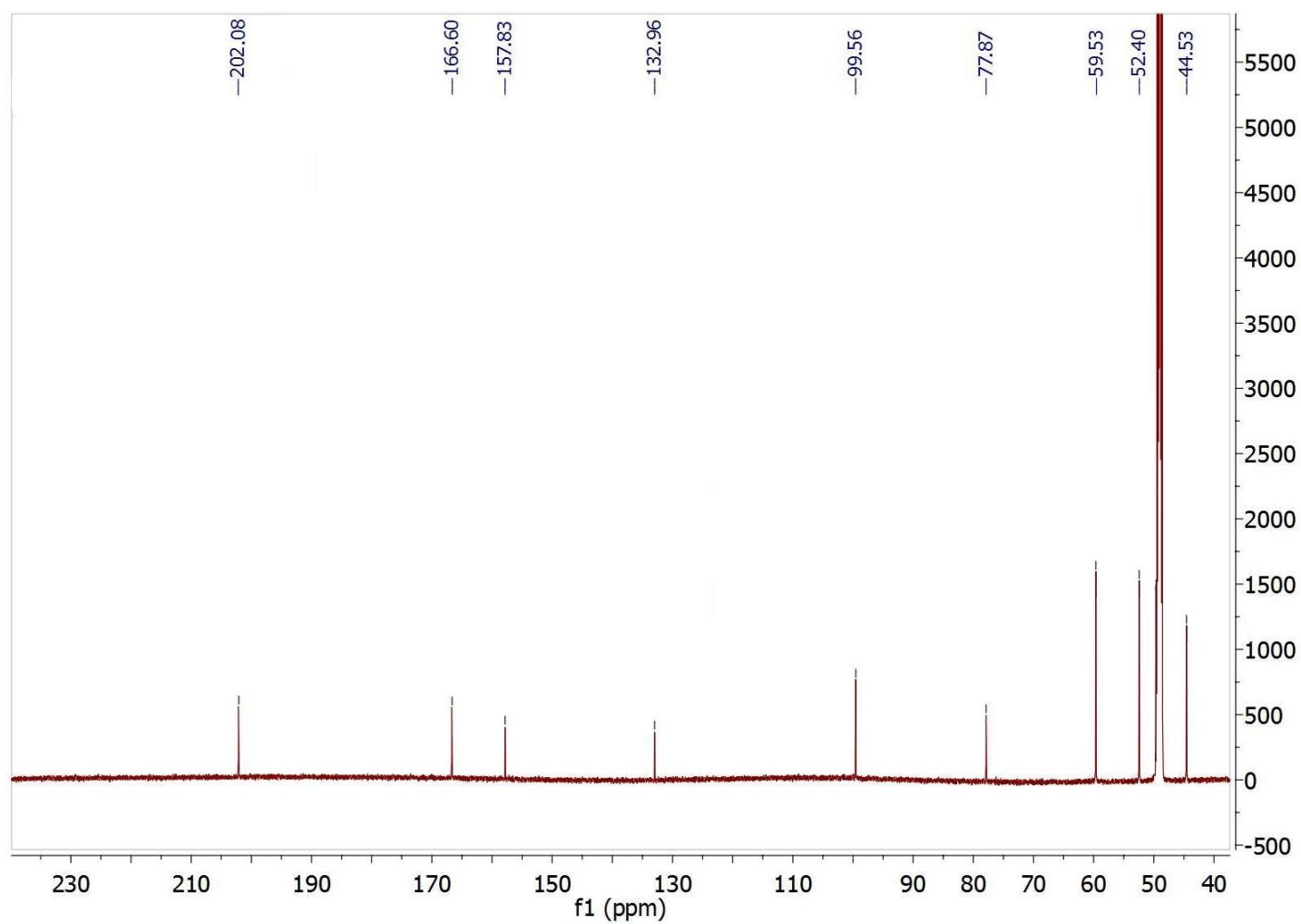
**Figure S8.** HRESIMS spectrum of fusaripyridine B (**2**).



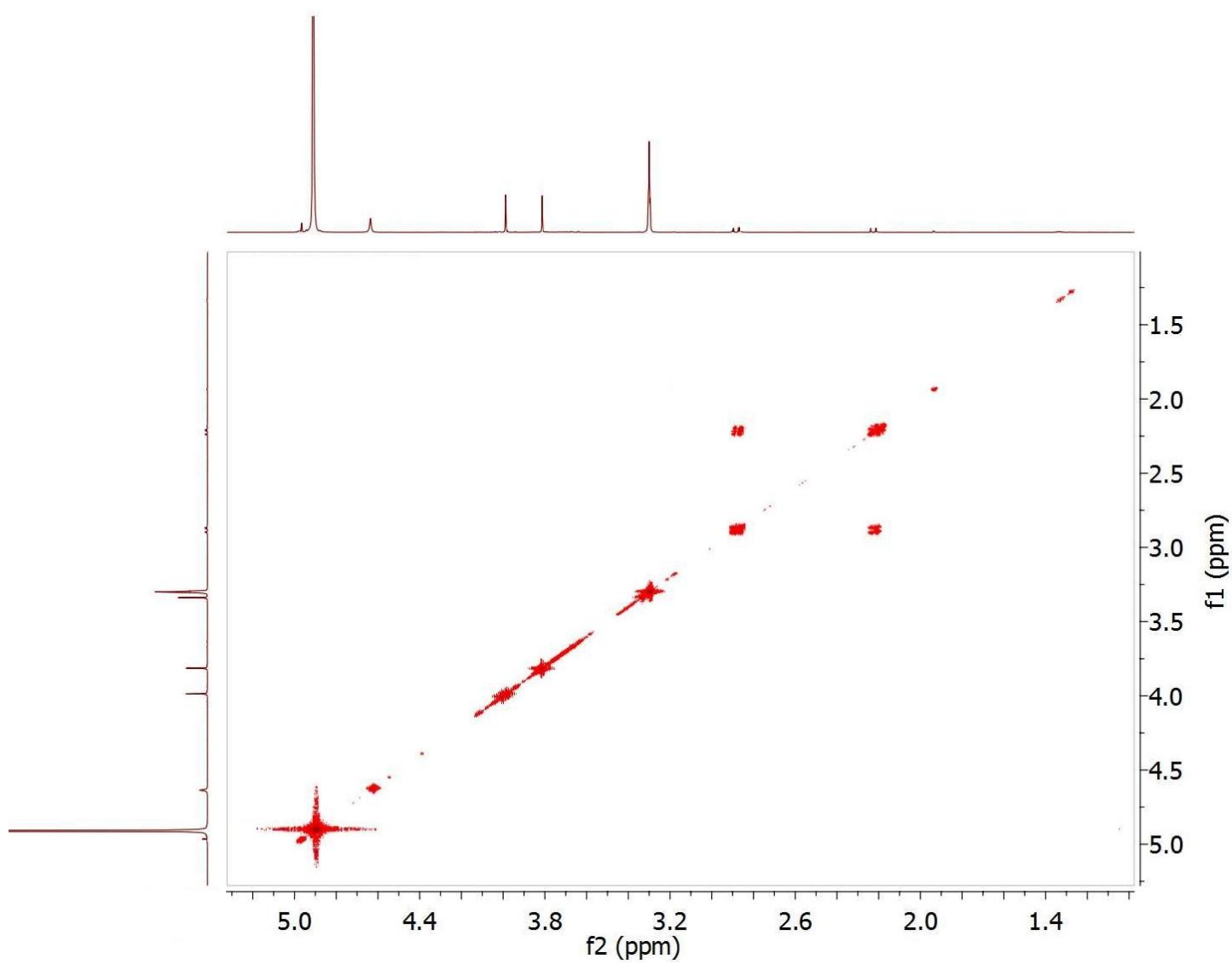
**Figure S9.** 600 MHz  $^1\text{H}$  NMR spectrum of fusaripyridine B (**2**) ( $\text{CD}_3\text{OD}$ ).



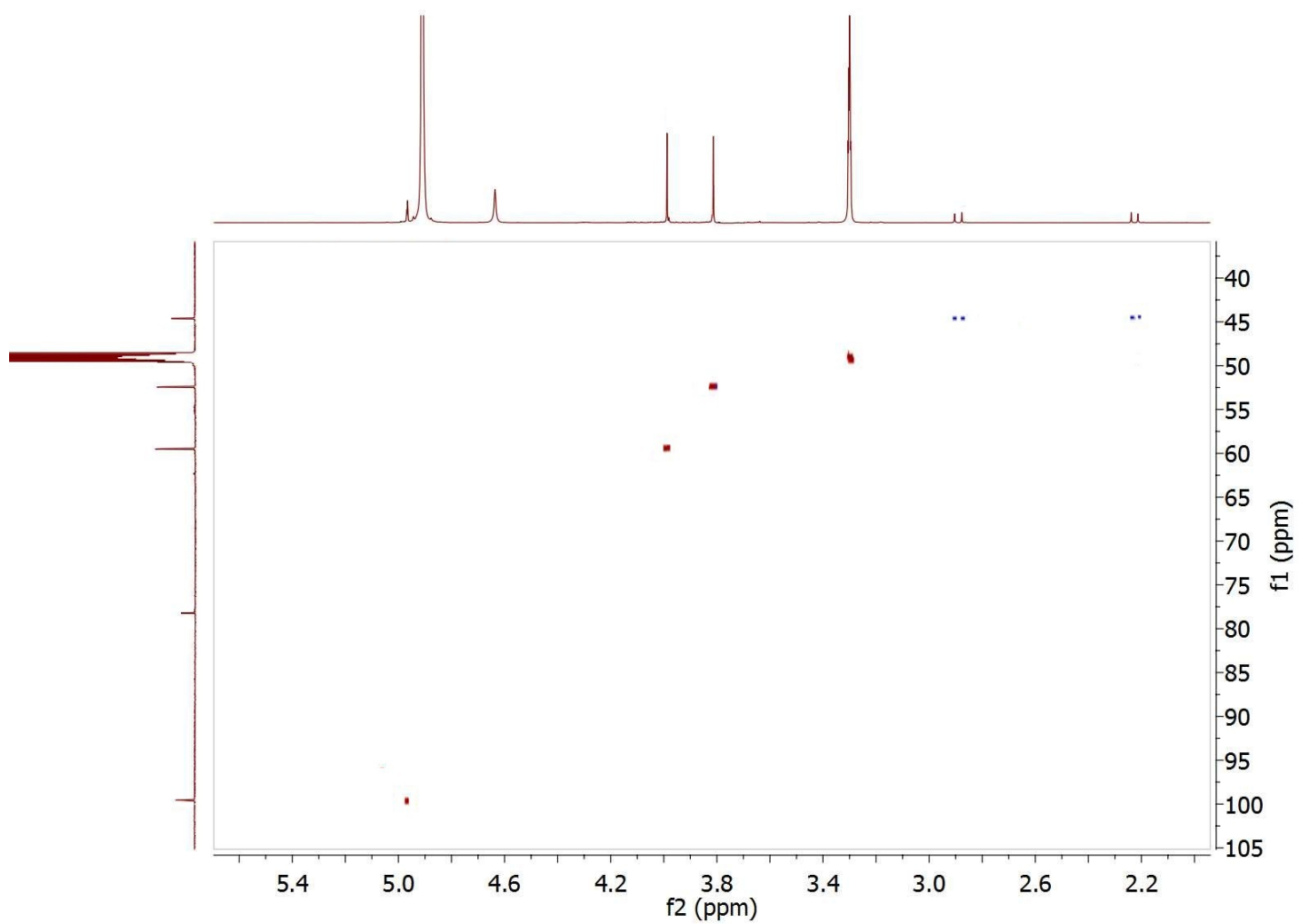
**Figure S10.** 150 MHz  $^{13}\text{C}$  NMR spectrum of fusaripyridine B (**2**) ( $\text{CD}_3\text{OD}$ ).



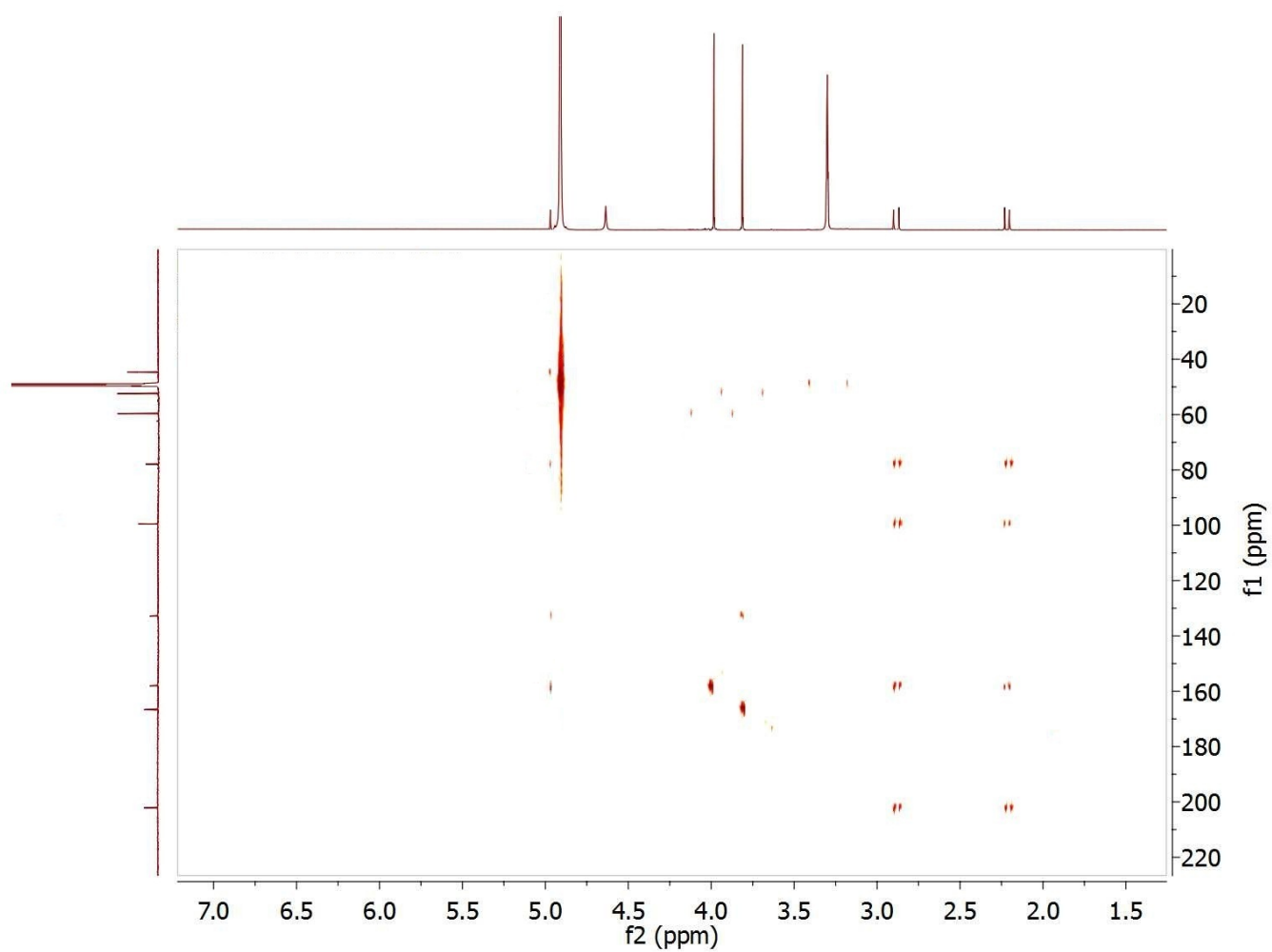
**Figure S11.**  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of fusaripyridine B (**2**) ( $\text{CD}_3\text{OD}$ ).



**Figure S12.** Multiplicity-edited HSQC spectrum of fusaripyridine B (**2**) (CD<sub>3</sub>OD).



**Figure S13.**  $^1\text{H}$ - $^{13}\text{C}$  HMBC spectrum of fusaripyridine B (**2**) ( $\text{CD}_3\text{OD}$ ).



**Figure S14.**  $^1\text{H}$ - $^1\text{H}$  NOESY spectrum of fusaripyridine B (**2**) ( $\text{CD}_3\text{OD}$ ).

