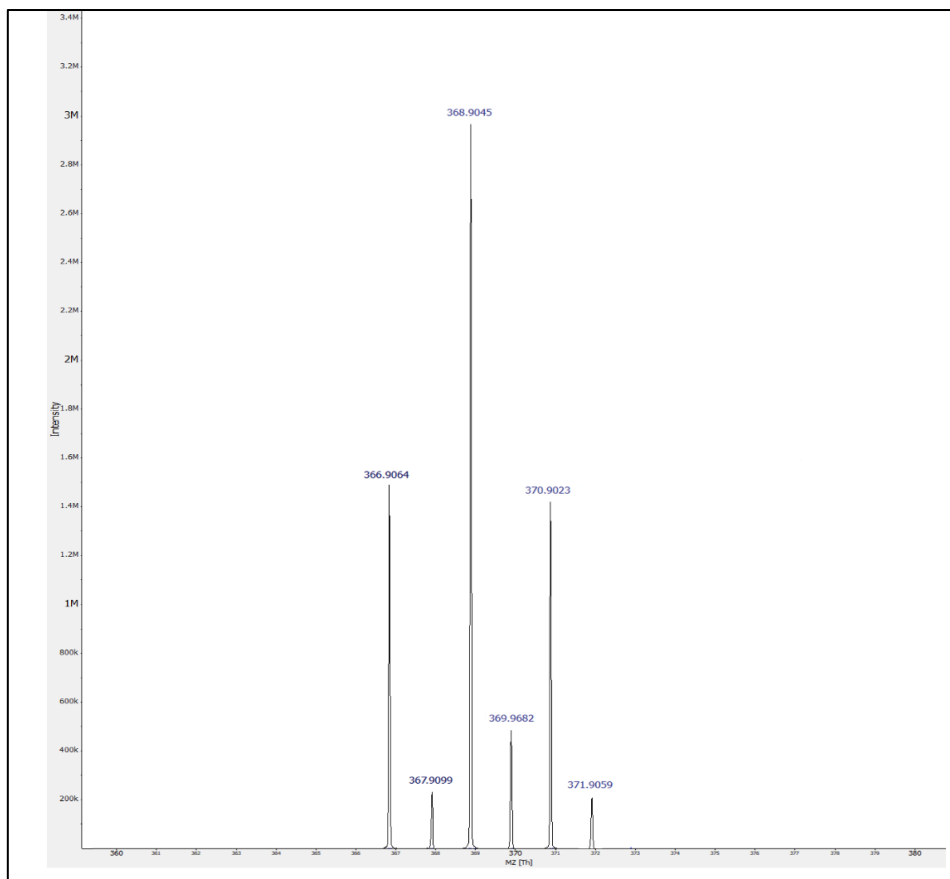
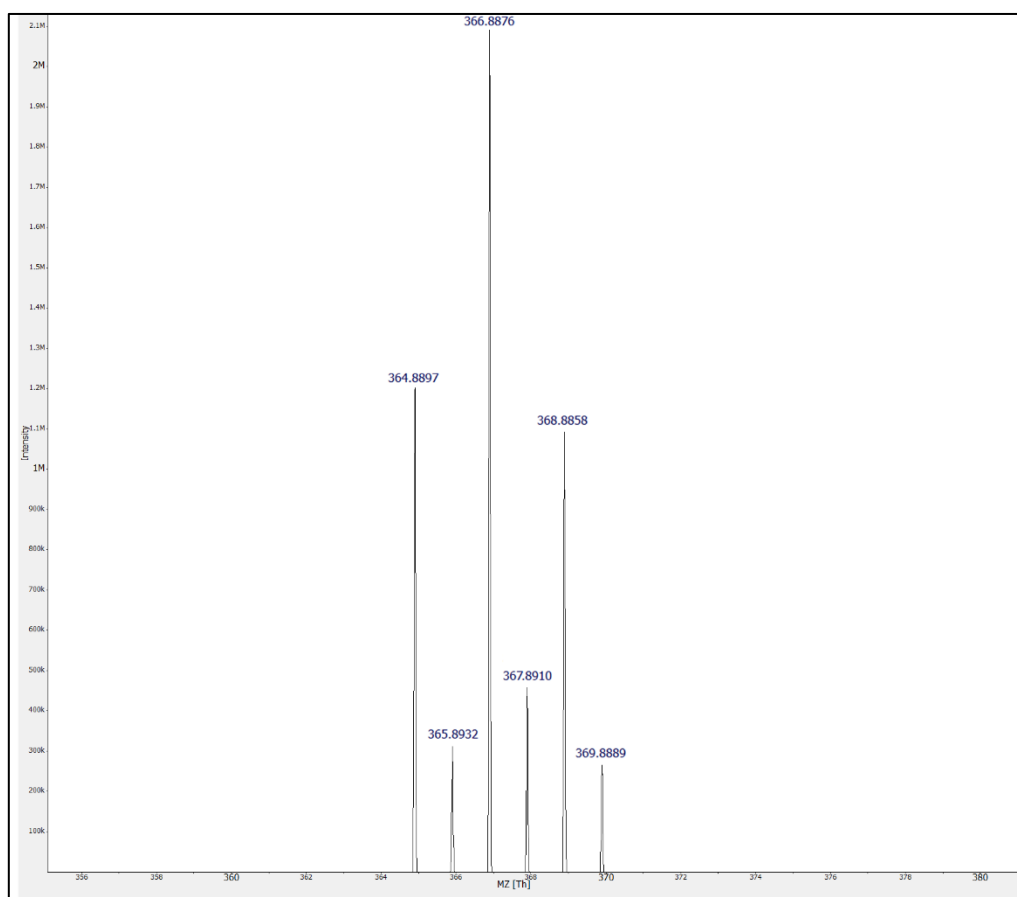


## Supplementary Information

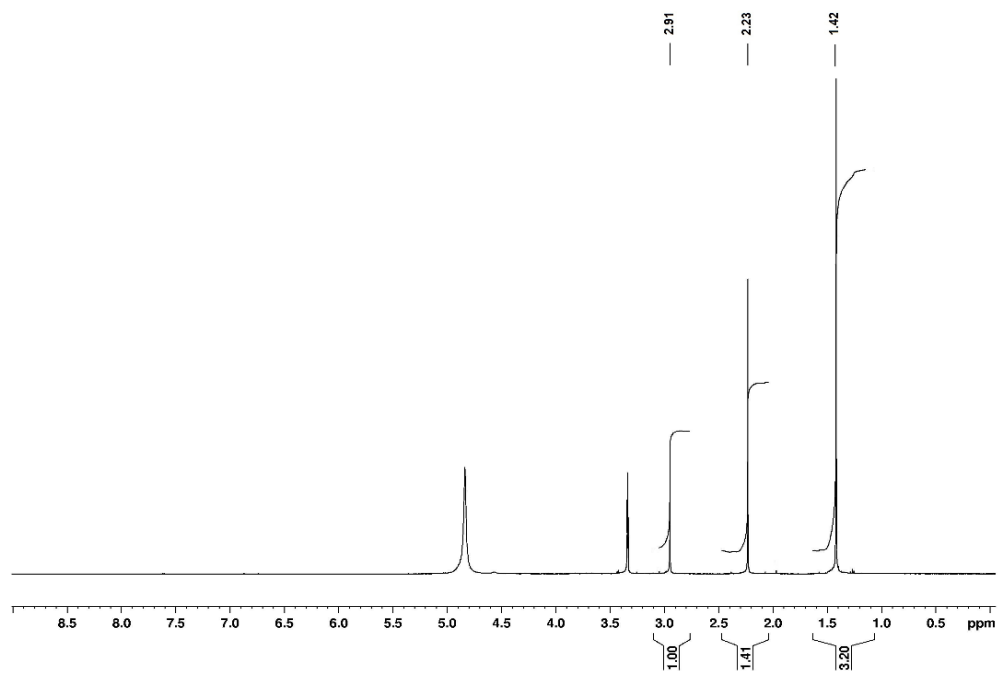
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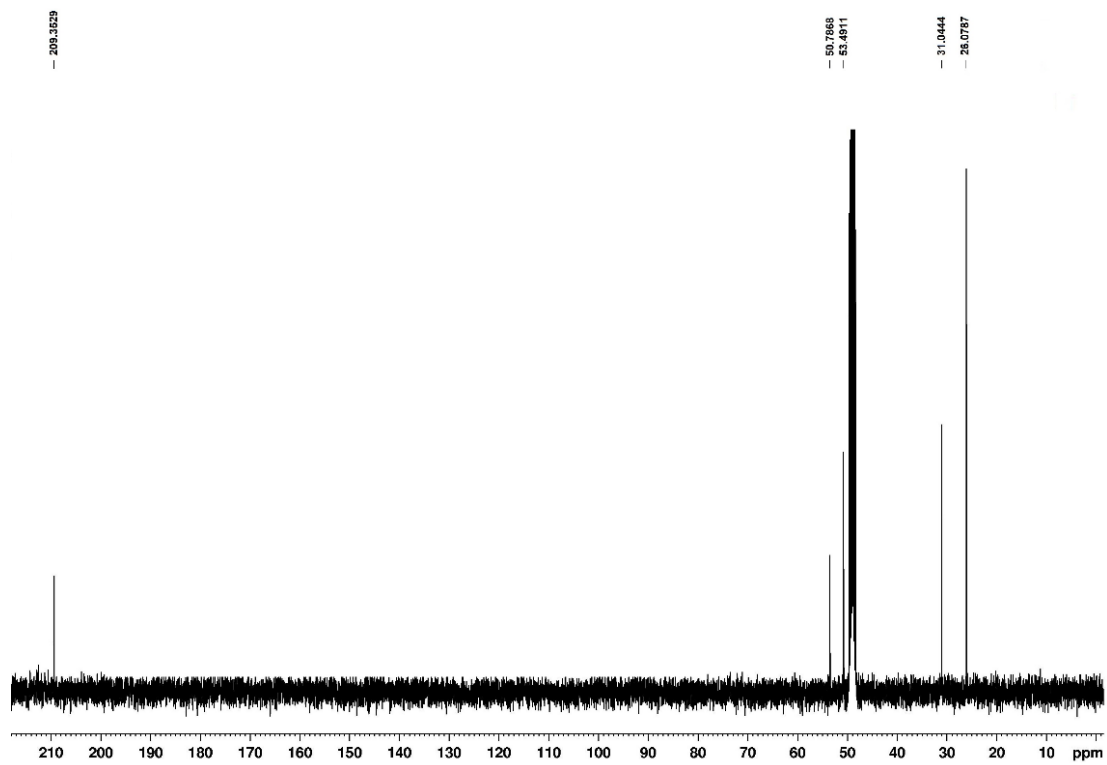
**Figure S1.** Positive HRESIMS of pseudoceratonic acid (1).



**Figure S2.** Negative HRESIMS of pseudoceratonic acid (1).



**Figure S3.**  $^1\text{H}$  NMR spectrum of pseudoceratonic acid (**1**) ( $\text{CD}_3\text{OD}$ ).



**Figure S4.**  $^{13}\text{C}$  NMR spectrum of pseudoceratonic acid (**1**) ( $\text{CD}_3\text{OD}$ ).

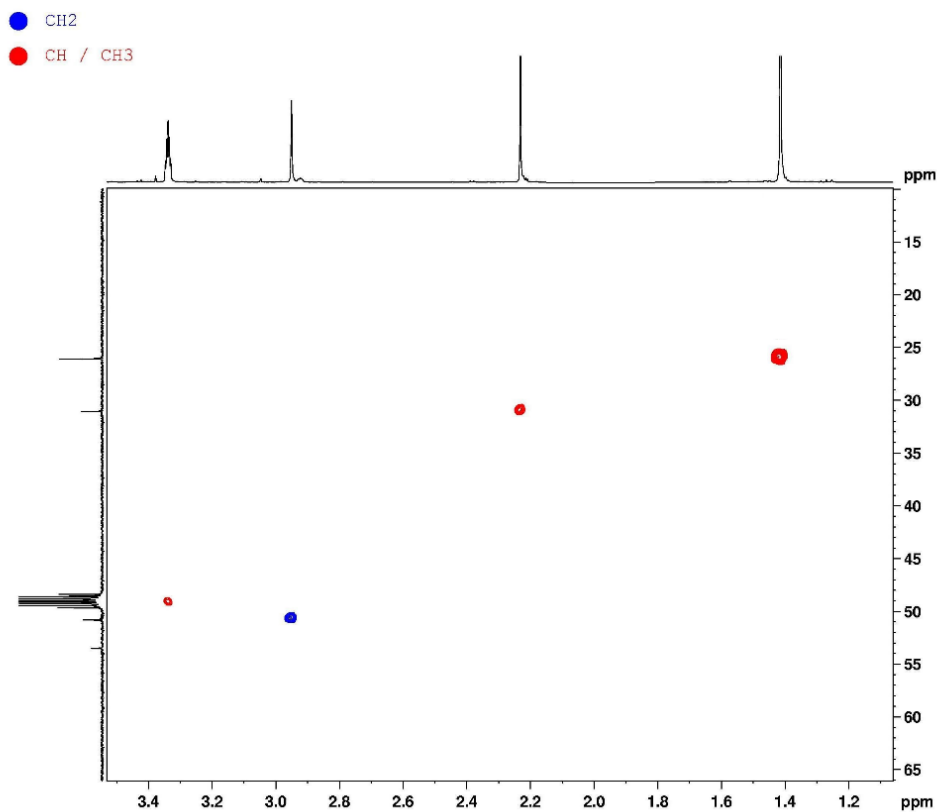


Figure S5. HSQC spectrum of pseudoceratonic acid (**1**) (CD<sub>3</sub>OD).

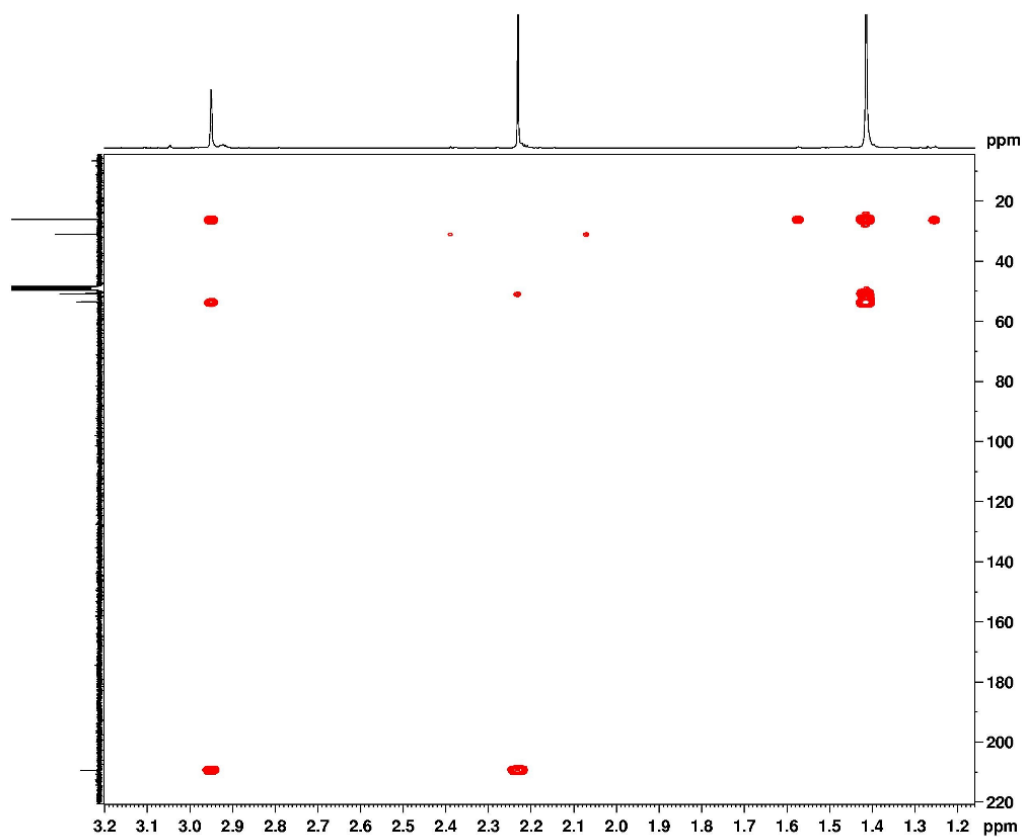
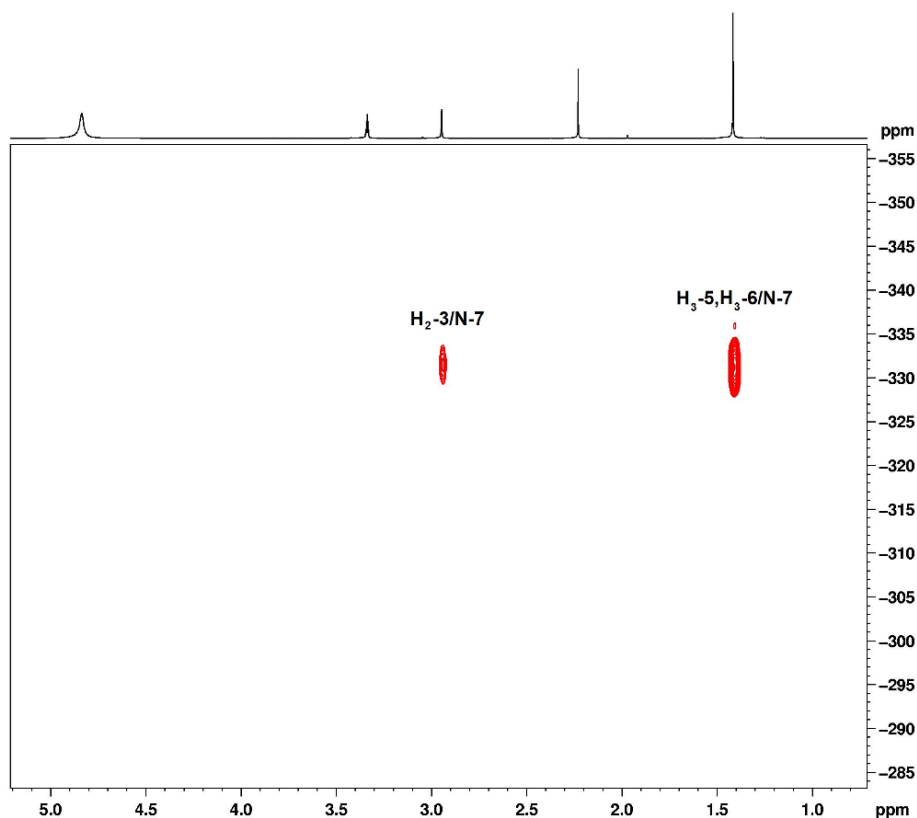
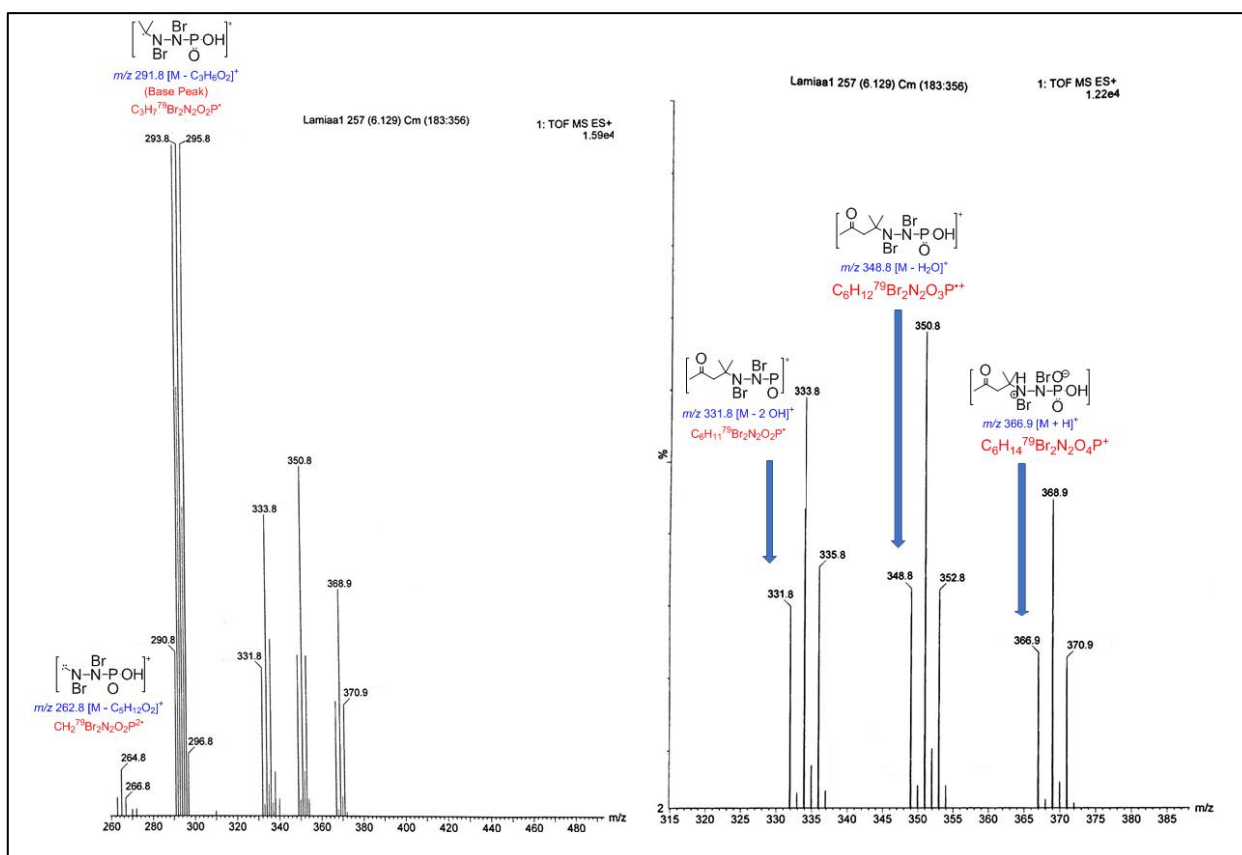


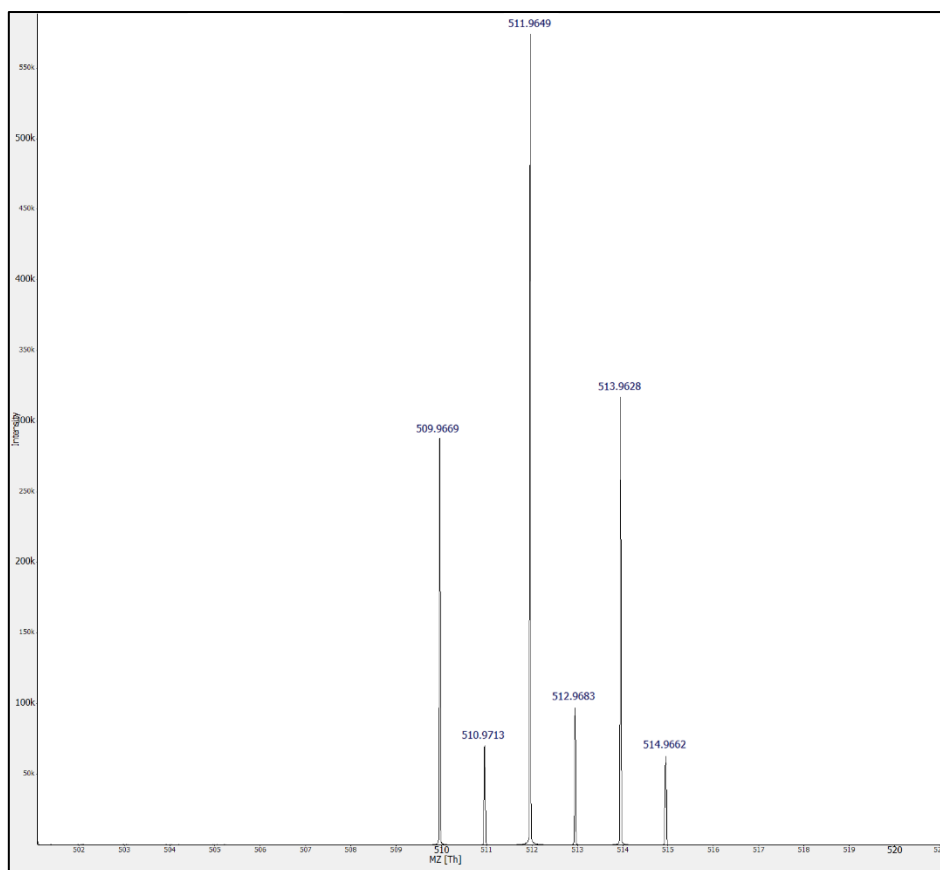
Figure S6. <sup>1</sup>H-<sup>13</sup>C HMBC spectrum of pseudoceratonic acid (**1**) (CD<sub>3</sub>OD).



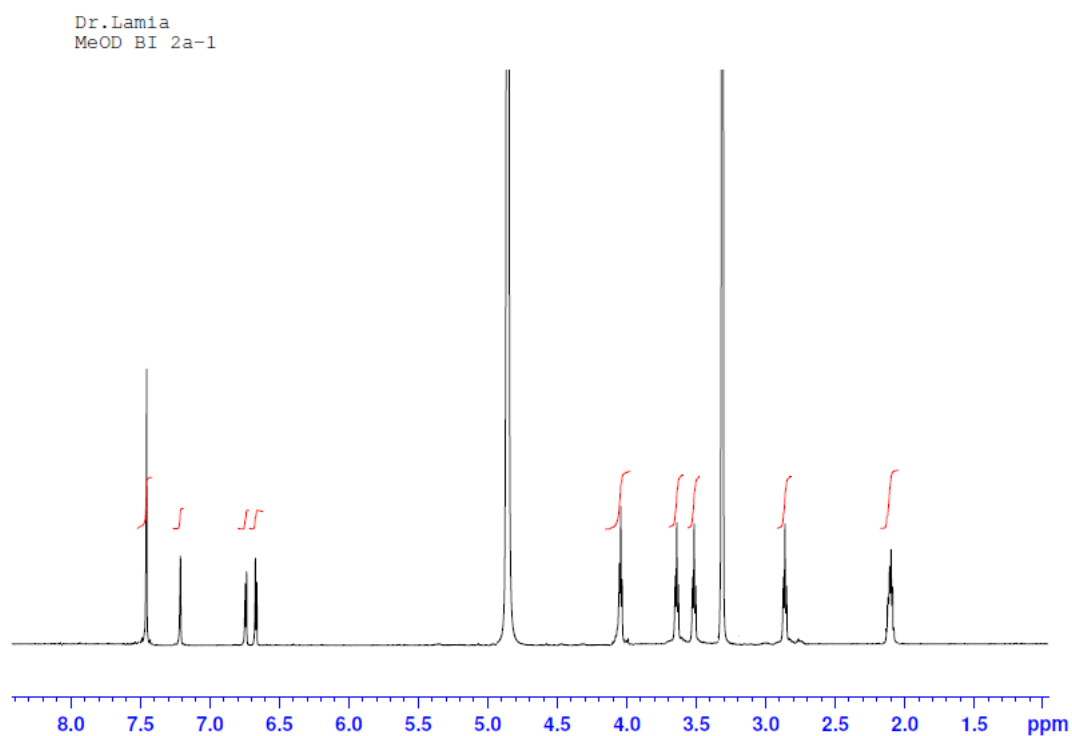
**Figure S7.**  $^1\text{H}$ - $^{15}\text{N}$  HMBC spectrum of pseudoceratonic acid (**1**) ( $\text{CD}_3\text{OD}$ ).



**Figure S8.** LRESIMS and fragmentation ion peaks of pseudoceratonic acid (**1**).



**Figure S9.** Positive HRESIMS of ceratinine N (**2**).



**Figure S10.**  $^1\text{H}$  NMR spectrum of ceratinine N (**2**) ( $\text{CD}_3\text{OD}$ ).

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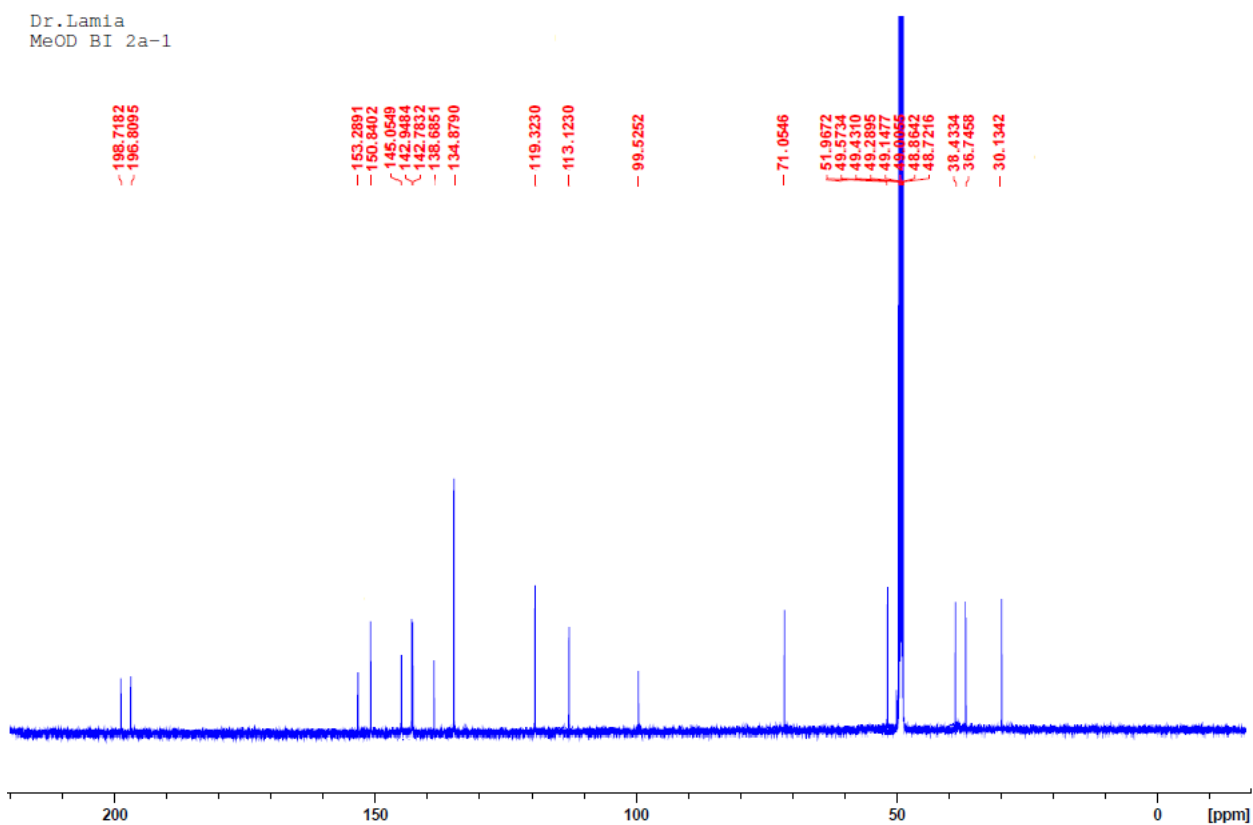


Figure S11.  $^{13}\text{H}$  NMR spectrum of ceratinine N (2) ( $\text{CD}_3\text{OD}$ ).

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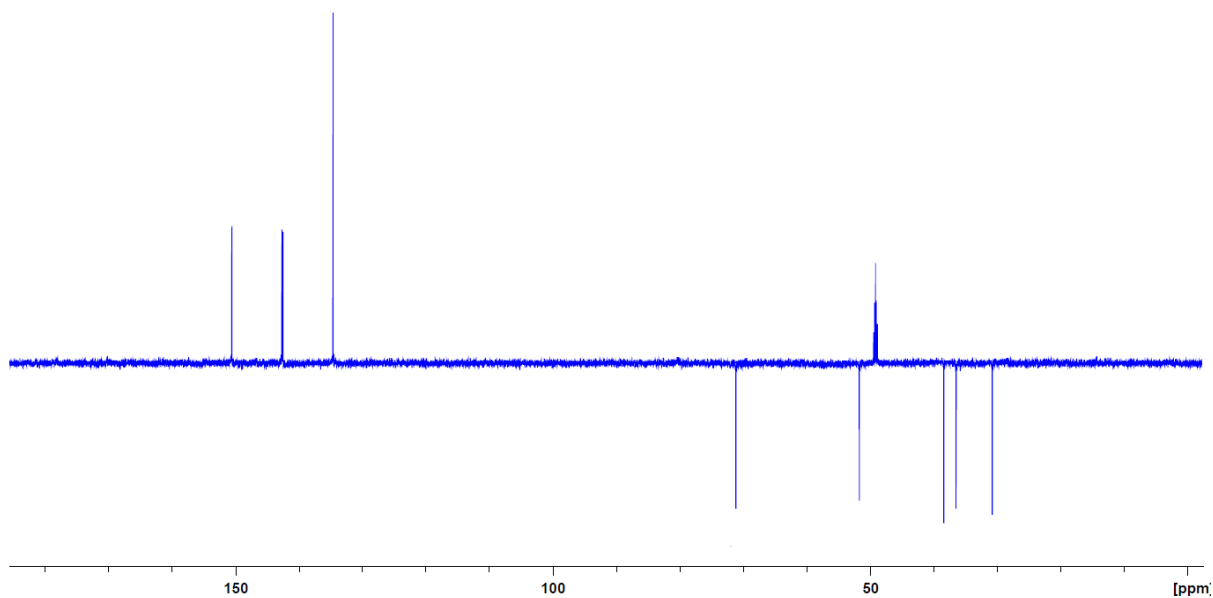
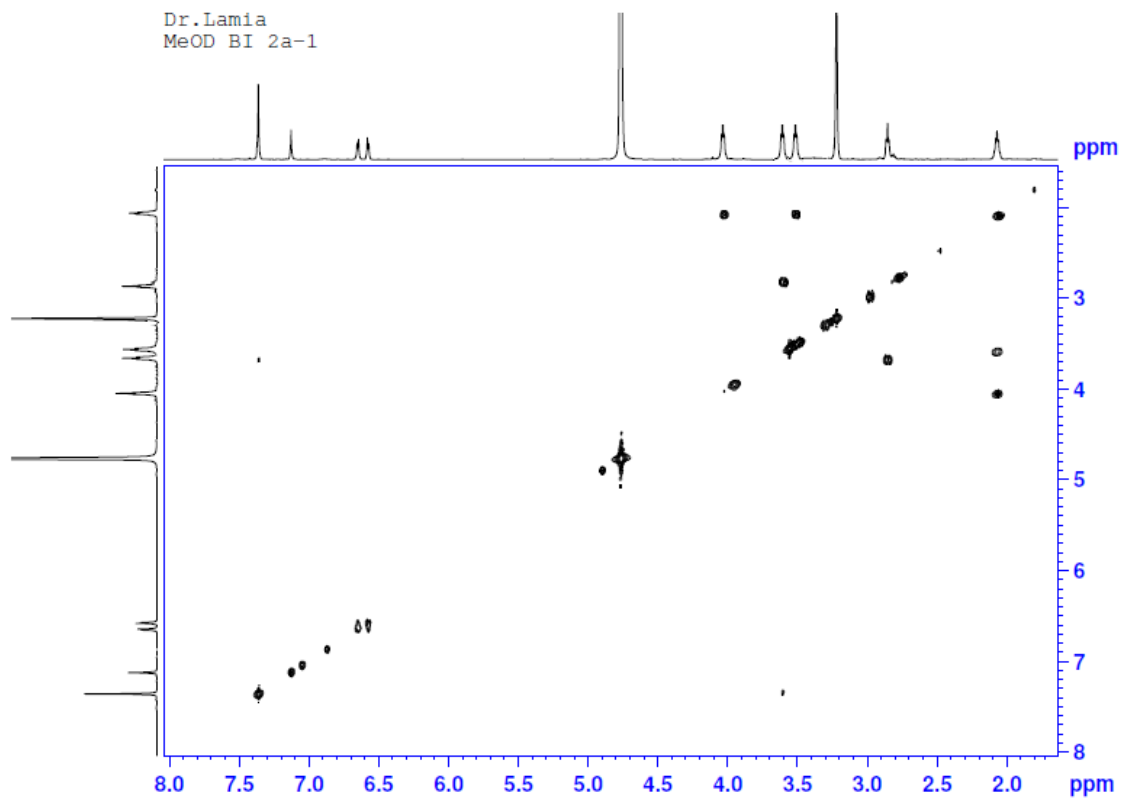
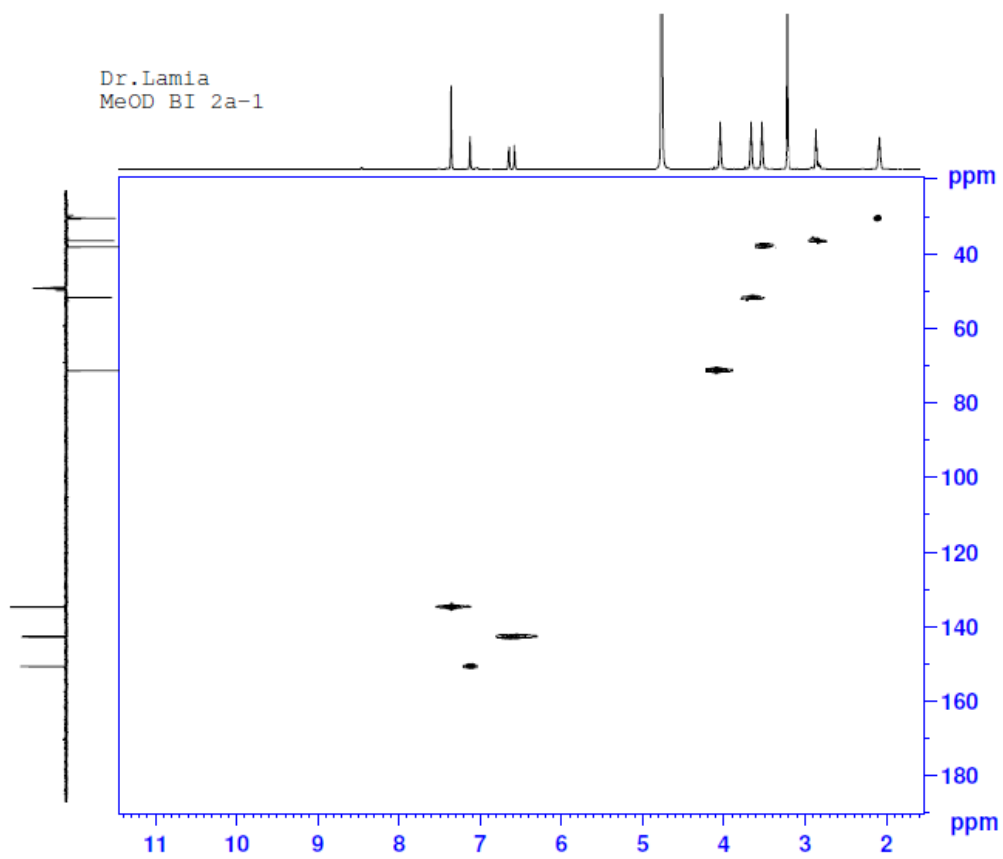


Figure S12. DEPT spectrum of ceratinine N (2) ( $\text{CD}_3\text{OD}$ ).

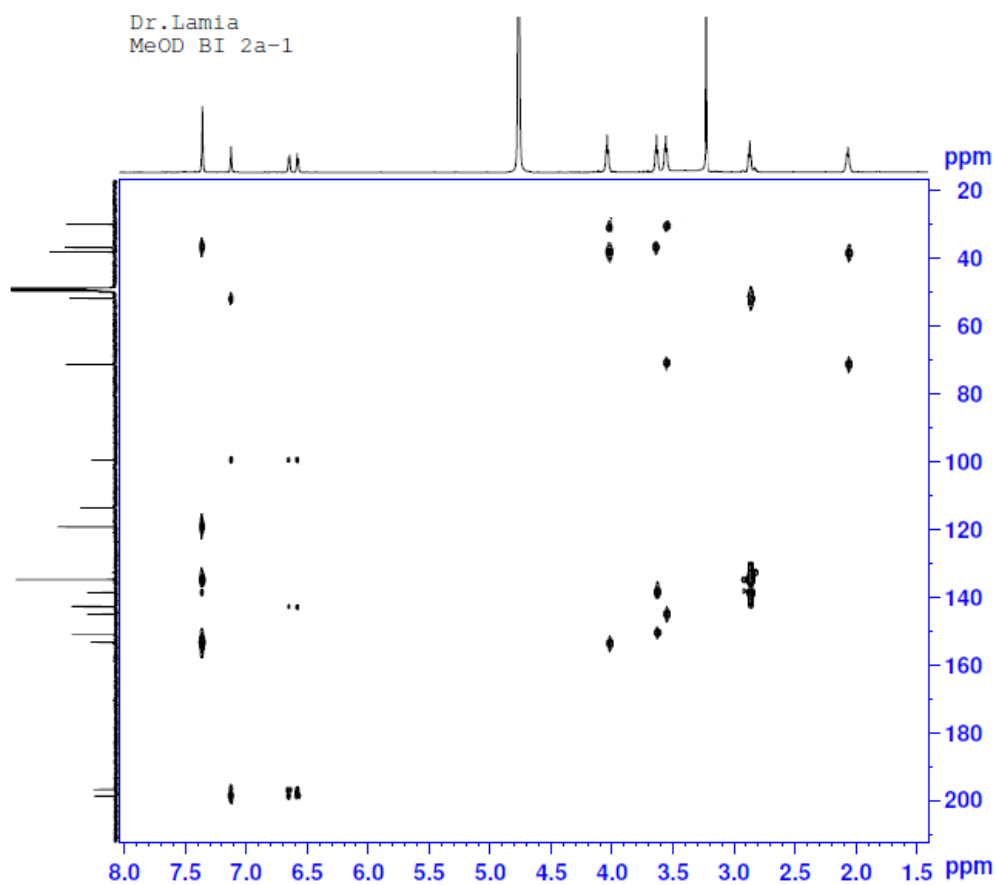


**Figure S13.** COSY spectrum of ceratinine N (2) ( $\text{CD}_3\text{OD}$ ).

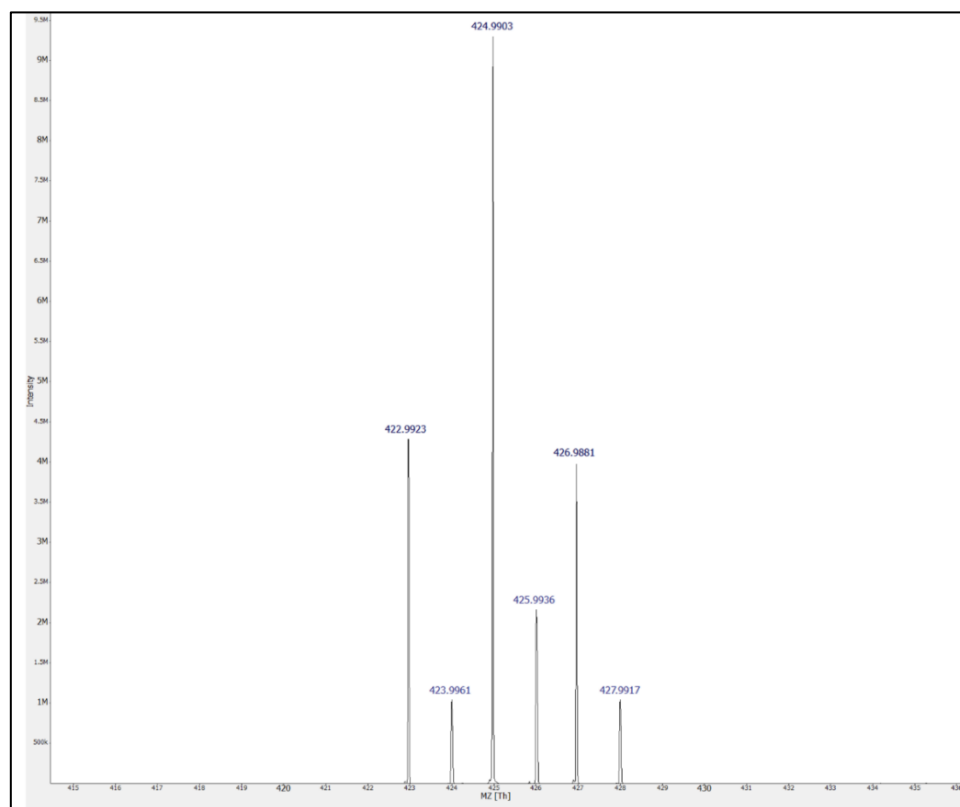


**Figure S14.** HSQC spectrum of ceratinine N (2) ( $\text{CD}_3\text{OD}$ ).





**Figure S15.** HMBC spectrum of ceratinine N (**2**) ( $\text{CD}_3\text{OD}$ ).



**Figure S16.** Positive HRESIMS of ceratinine O (**3**).

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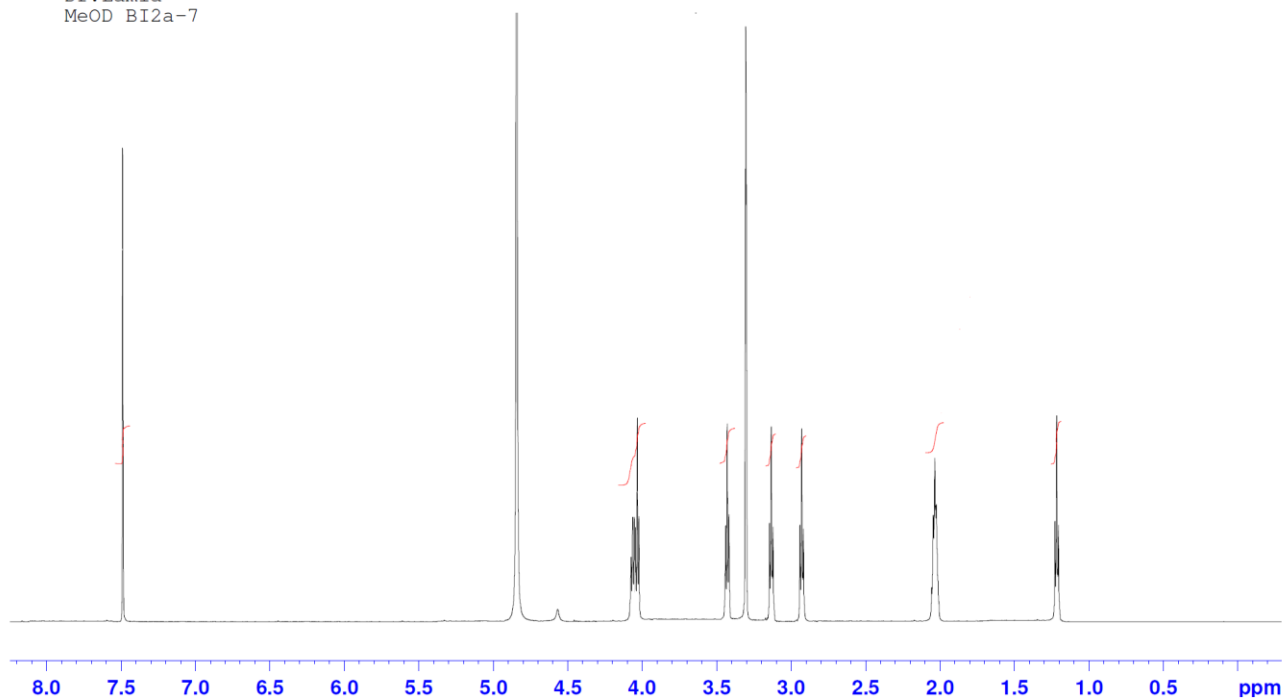


Figure S17.  $^1\text{H}$  NMR spectrum of ceratinine O (3) ( $\text{CD}_3\text{OD}$ ).

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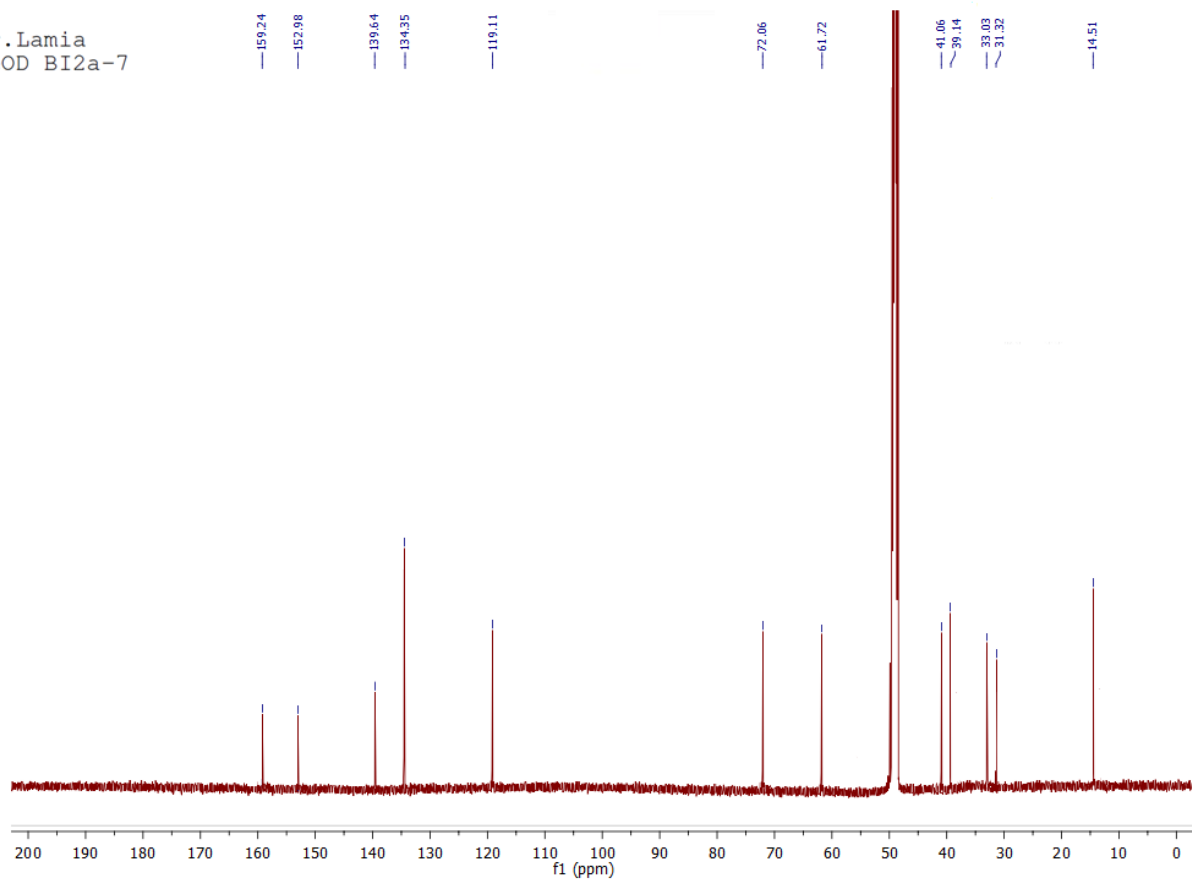


Figure S18.  $^{13}\text{C}$  NMR spectrum of ceratinine O (3) ( $\text{CD}_3\text{OD}$ ).

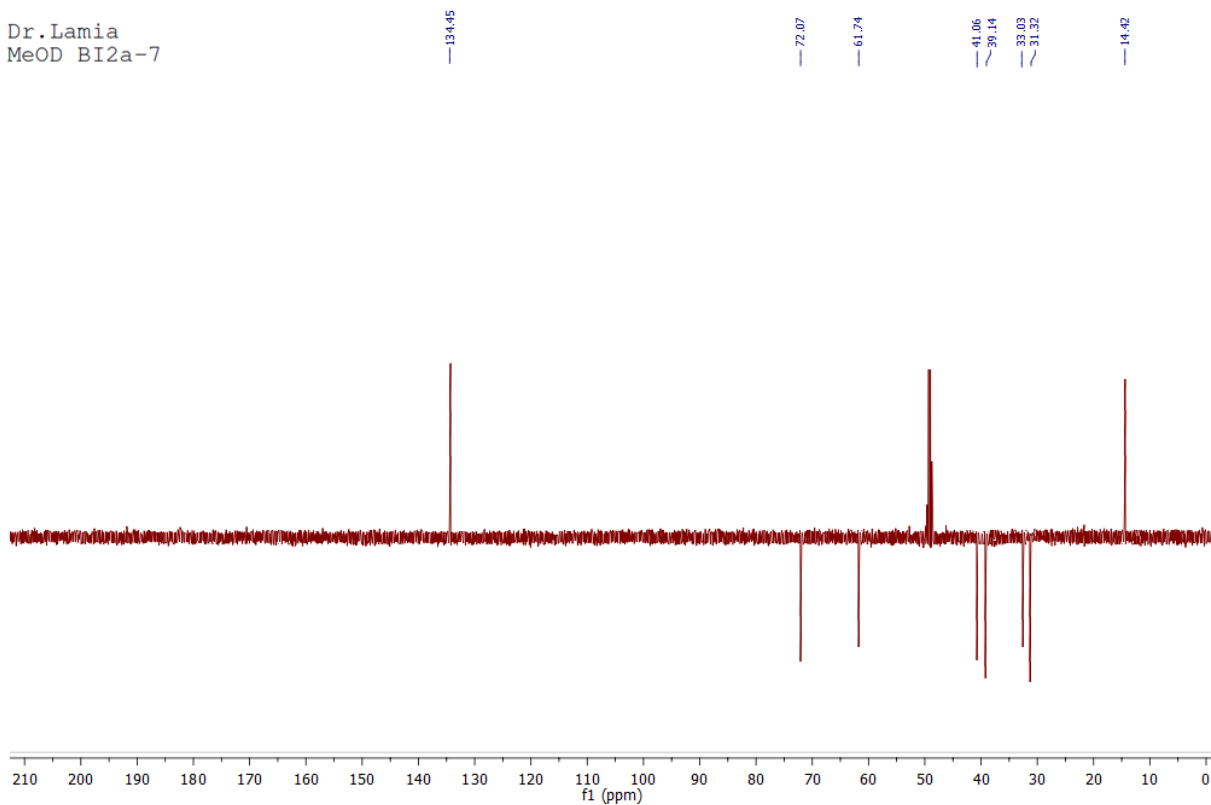


Figure S19. DEPT spectrum of ceratinine O (3) (CD<sub>3</sub>OD).

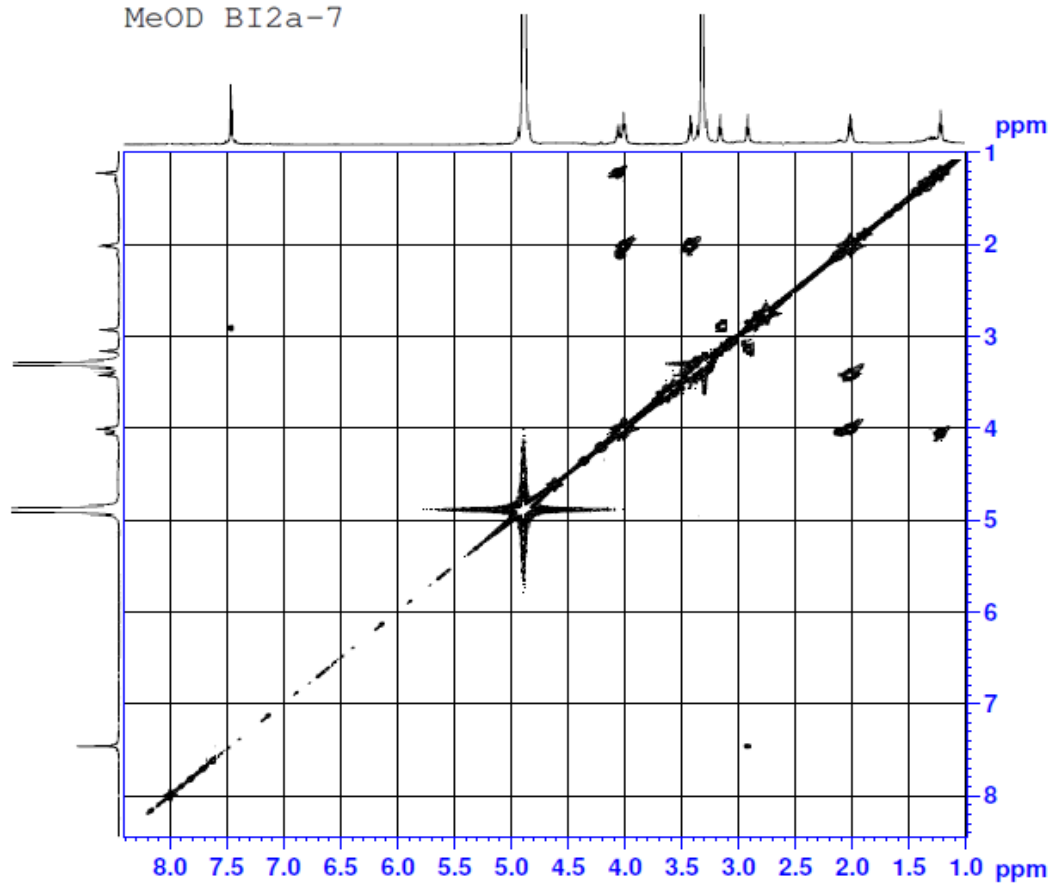


Figure S20. COSY spectrum of ceratinine O (3) (CD<sub>3</sub>OD).

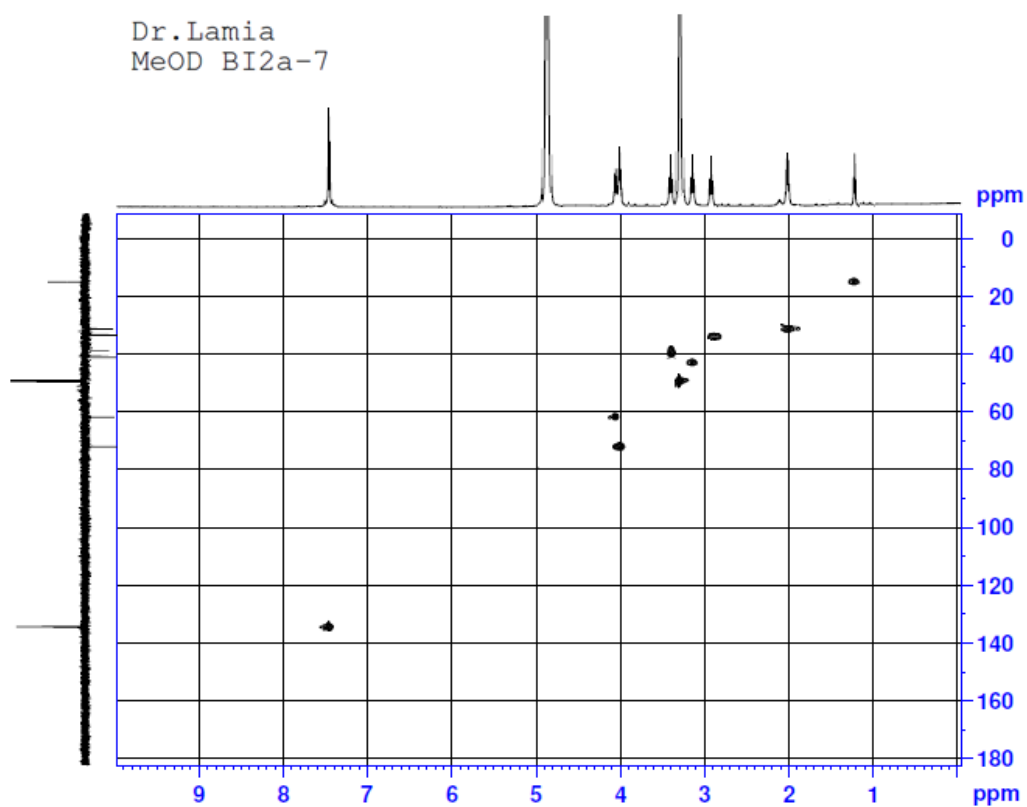


Figure S21. HSQC spectrum of ceratinine O (3) ( $\text{CD}_3\text{OD}$ ).

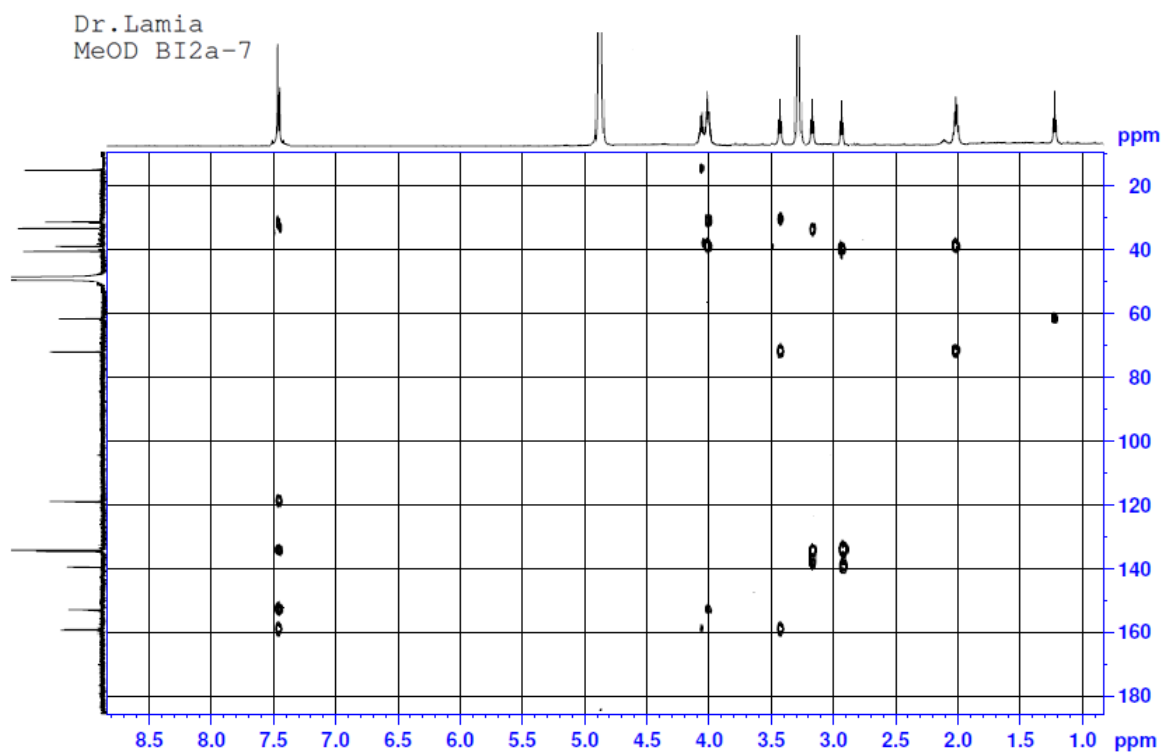


Figure S22. HMBC spectrum of ceratinine O (3) ( $\text{CD}_3\text{OD}$ ).