Lycoperine A, A Novel C₂₇N₃-Type Pentacyclic Alkaloid from *Lycopodium hamiltonii*, Inhibiting Acetylcholinesterase

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Supporting Information

- Figure S1. ¹H NMR spectrum of lycoperine A (**1**) in CD₃OD.
- Figure S2. ¹H NMR spectrum of tetrahydrodeoxylycoperine A (**2**) in C₆D₆.
- Figure S3. ¹³C NMR spectrum of tetrahydrodeoxylycoperine A (**2**) in C₆D₆.
- Figure S4. ¹H-¹H COSY spectrum of tetrahydrodeoxylycoperine A (**2**) in C₆D₆.
- Figure S5. HOHAHA spectrum of tetrahydrodeoxylycoperine A (**2**) in C₆D₆.
- Figure S6. NOESY spectrum of tetrahydrodeoxylycoperine A (**2**) in C₆D₆.
- Figure S7. HMQC spectrum of tetrahydrodeoxylycoperine A (**2**) in C₆D₆.
- Figure S8. HMBC spectrum of tetrahydrodeoxylycoperine A (**2**) in C₆D₆.

Figure S1. ^1H NMR spectrum of lycoperine A (1) in CD_3OD .

Figure S2. ^1H NMR spectrum of tetrahydrodeoxylicoperine A (2) in C_6D_6 .

Figure S3. ¹³C NMR spectrum of tetrahydrodeoxyglycopine A (2) in C₆D₆.

Figure S3. ^{13}C NMR spectrum of tetrahydrodeoxylycoperine A (2) in C_6D_6 .

Figure S4. ^1H - ^1H COSY spectrum of tetrahydrodeoxyglycoprine A (**2**) in C_6D_6 .

Figure S5. HOHAHA spectrum of tetrahydrodeoxylycoperine A (2) in C_6D_6 .

Figure S6. NOESY spectrum of tetrahydrodeoxyglycopine A (2) in C_6D_6 .

Figure S7. HMQC spectrum of tetrahydrodeoxyglycopine A (**2**) in C₆D₆.

Figure S8. HMBC spectrum of tetrahydrodeoxyglycoperine A (**2**) in C_6D_6 .

Figure S8. HMBC spectrum of tetrahydrodeoxygocperine A (**2**) in C₆D₆.