Supplementary

Figure S1. Inhibitory effect of isocorydione (2) on murine sarcoma S_{180} -bearing mice (A, blank control group; B, 50 mg/kg group; C, 100 mg/kg group; D, 200 mg/kg group; E, CTX group).



Figure S2. Inhibitory effect of 8-acetamino-isocorydine (11) on murine sarcoma S_{180} -bearing mice (A, blank control group; B, CTX group; C, 50 mg/kg group; D, 100 mg/kg group; E, 200 mg/kg group).





Figure S3. ¹H-NMR (400 MHz, CD₃COCD₃) spectra of isocorydine (1).

Figure S4. ¹³C-NMR (100 MHz, CD₃COCD₃) spectra of isocorydine (1).



Figure S5. HRMS (ESI) spectra of isocorydine (1).

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Figure S6. ¹H-NMR (400 MHz, CDCl₃) spectra of isocorydione (2).

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Figure S7. ¹³C-NMR (100 MHz, CDCl₃) spectra of isocorydione (2).



Figure S8. HRMS (ESI) spectra of isocorydione (2).



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Figure S9. ¹H-NMR (400 MHz, CDCl₃) spectra of 4-hydroxy-isocorydione (**3**).



Figure S10. ¹³C-NMR (100 MHz, CDCl₃) spectra of 4-hydroxy-isocorydione (**3**).

Figure S11. HRMS (ESI) spectra of 4-hydroxy-isocorydione (3).



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Figure S12. ¹H-NMR (400 MHz, CDCl₃) spectra of N-demethyl-isocorydione (4).

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Figure S13. ¹H-NMR (400 MHz, CDCl₃) spectra of N-demethyl-isocorydione (4).





Figure S14. ¹³C-NMR (100 MHz, CDCl₃) spectra of N-demethyl-isocorydione (4).

Figure S15. HRMS (ESI) spectra of N-demethyl-isocorydione (4).



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Figure S16. ¹H-NMR (400 MHz, CDCl₃) spectra of 7-hydroxy-N-demethyl-isocorydione (5).



Figure S17. ¹³C-NMR (100 MHz, CDCl₃) spectra of 7-hydroxy-N-demethyl-isocorydione (5).

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Figure S18. HRMS (ESI) spectra of 7-hydroxy-N-demethyl-isocorydione (5).

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Figure S20. ¹H-NMR (400 MHz, CDCl₃) spectra of 8-nitro-isocorydine (7).



Figure S21. ¹³C-NMR (100 MHz, CDCl₃) spectra of 8-nitro-isocorydine (7).

Figure S22. HRMS (ESI) spectra of 8-nitro-isocorydine (7).

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Figure S23. ¹H-NMR (400 MHz, CDCl₃) spectra of 8-amino-isocorydine (8).



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Figure S25. HRMS (ESI) spectra of 8-amino-isocorydine (8).



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Figure S26. ¹H-NMR (400 MHz, CDCl₃) spectra of 8-chloro-isocorydine (9).



Figure S27. ¹³C-NMR (100 MHz, CDCl₃) spectra of 8-chloro-isocorydine (9).



Figure S28. ¹H-NMR (400 MHz, CDCl₃) spectra of 6a,7-dihydrogen-isocorydione (10).



Figure S29. ¹³C-NMR (100 MHz, CDCl₃) spectra of 6a,7-dihydrogen-isocorydione (10).



Figure S30. ¹H-NMR (400 MHz, CDCl₃) spectra of 8-acetamino-isocorydine (11).

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Figure S31. ¹³C-NMR (100 MHz, CDCl₃) spectra of 8-acetamino-isocorydine (11).





Figure S33. HRMS (ESI) spectra of 8-acetamino-isocorydine (11).



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