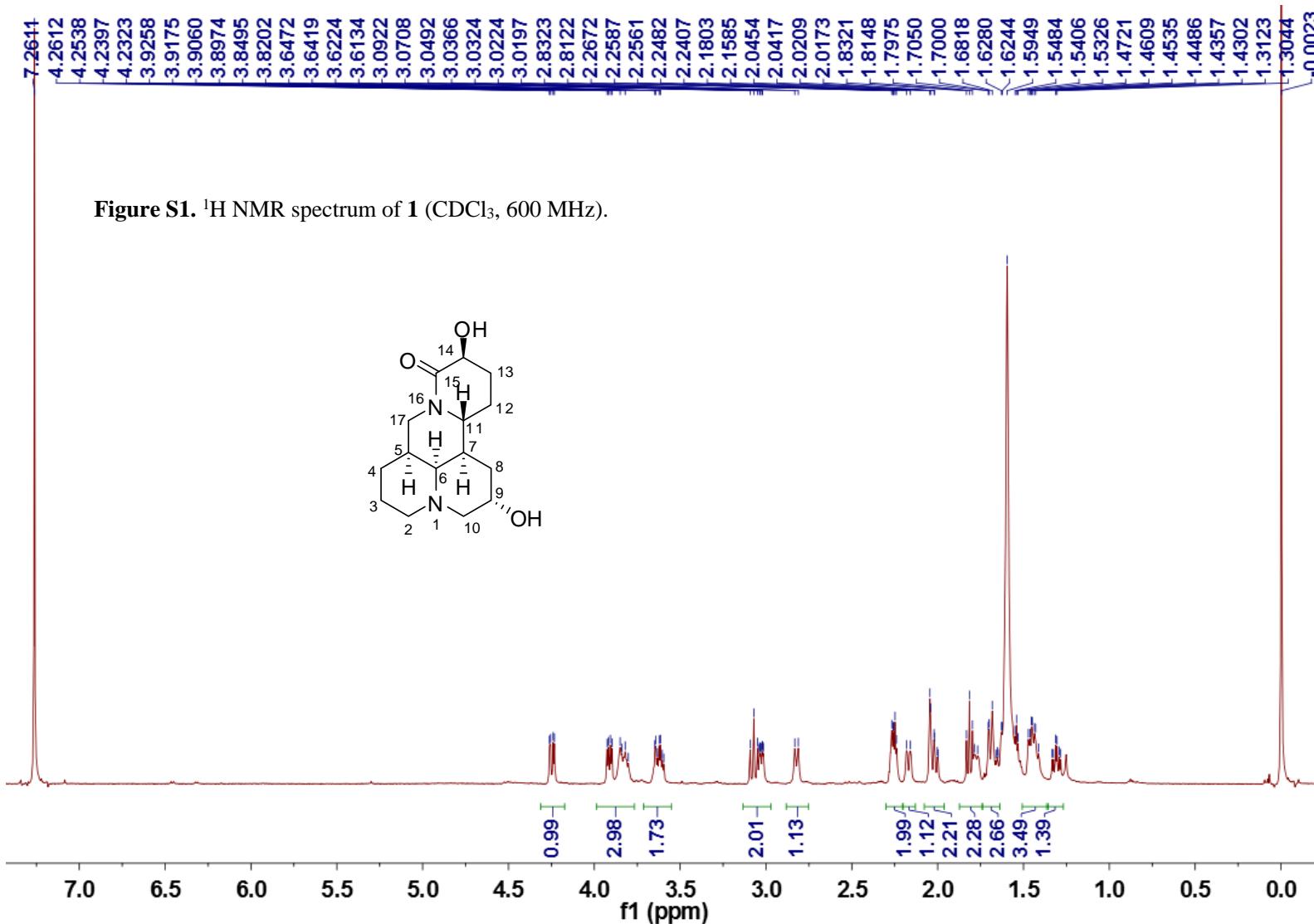


支撑材料  
白刺花中二氯甲烷部位化学成分及其抑制丁酰胆  
碱酯酶活性研究

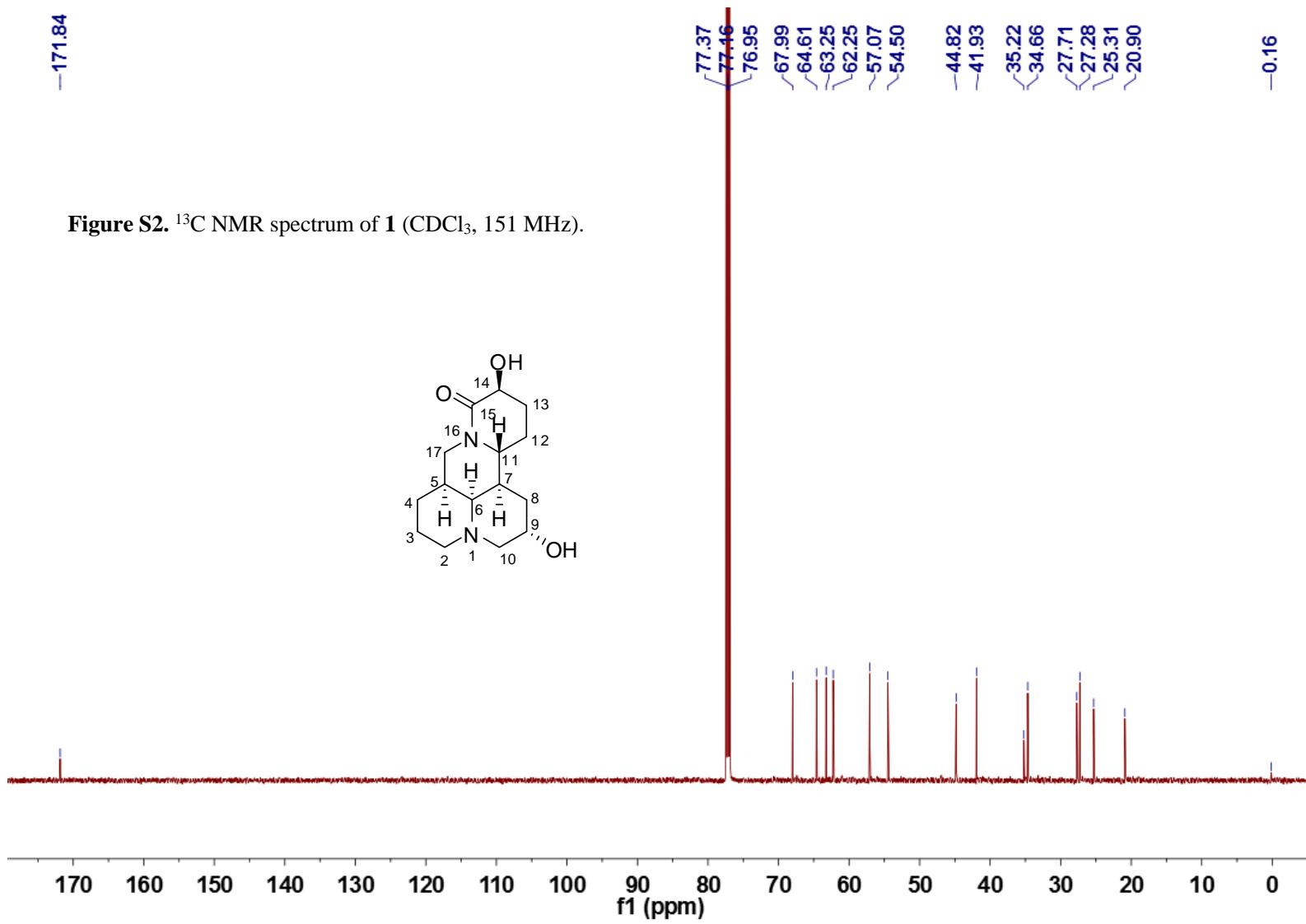
**Supporting information for  
Chemical constituents from *Sophora davidii* flower  
buds and their butyrylcholinesterase inhibitory  
activities**

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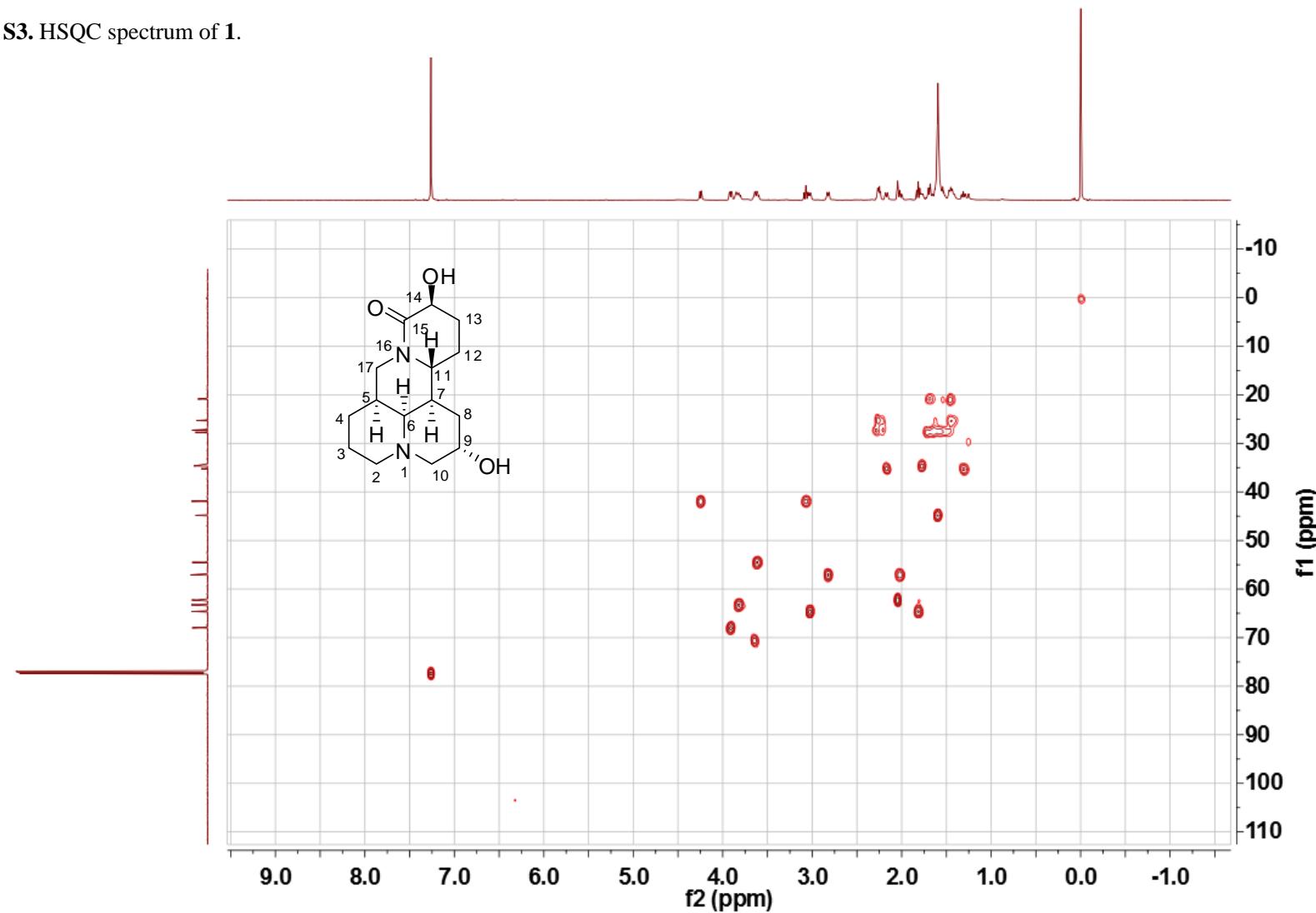


**Figure S1.** <sup>1</sup>H NMR spectrum of **1** (CDCl<sub>3</sub>, 600 MHz).

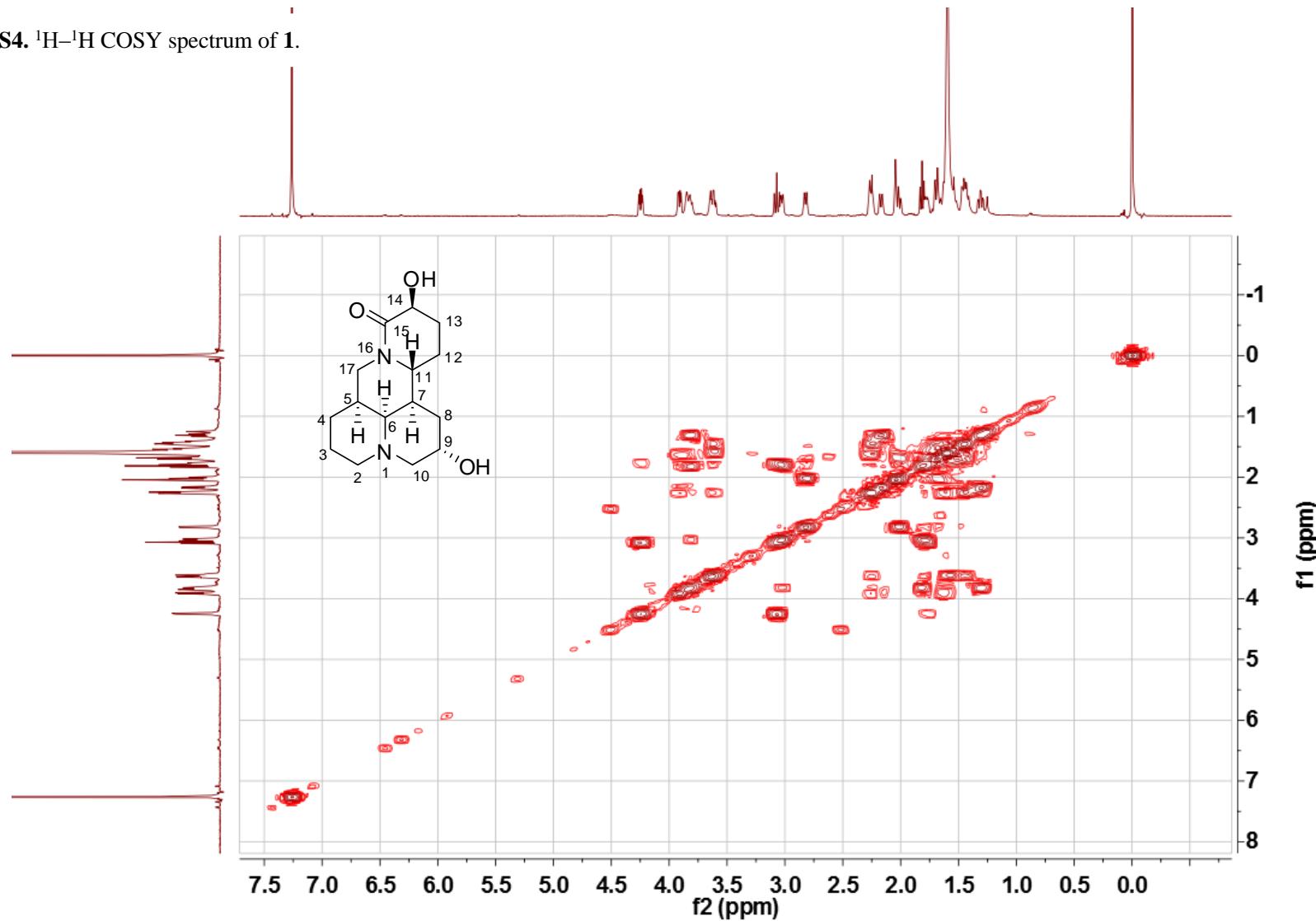


**Figure S2.**  $^{13}\text{C}$  NMR spectrum of **1** ( $\text{CDCl}_3$ , 151 MHz).

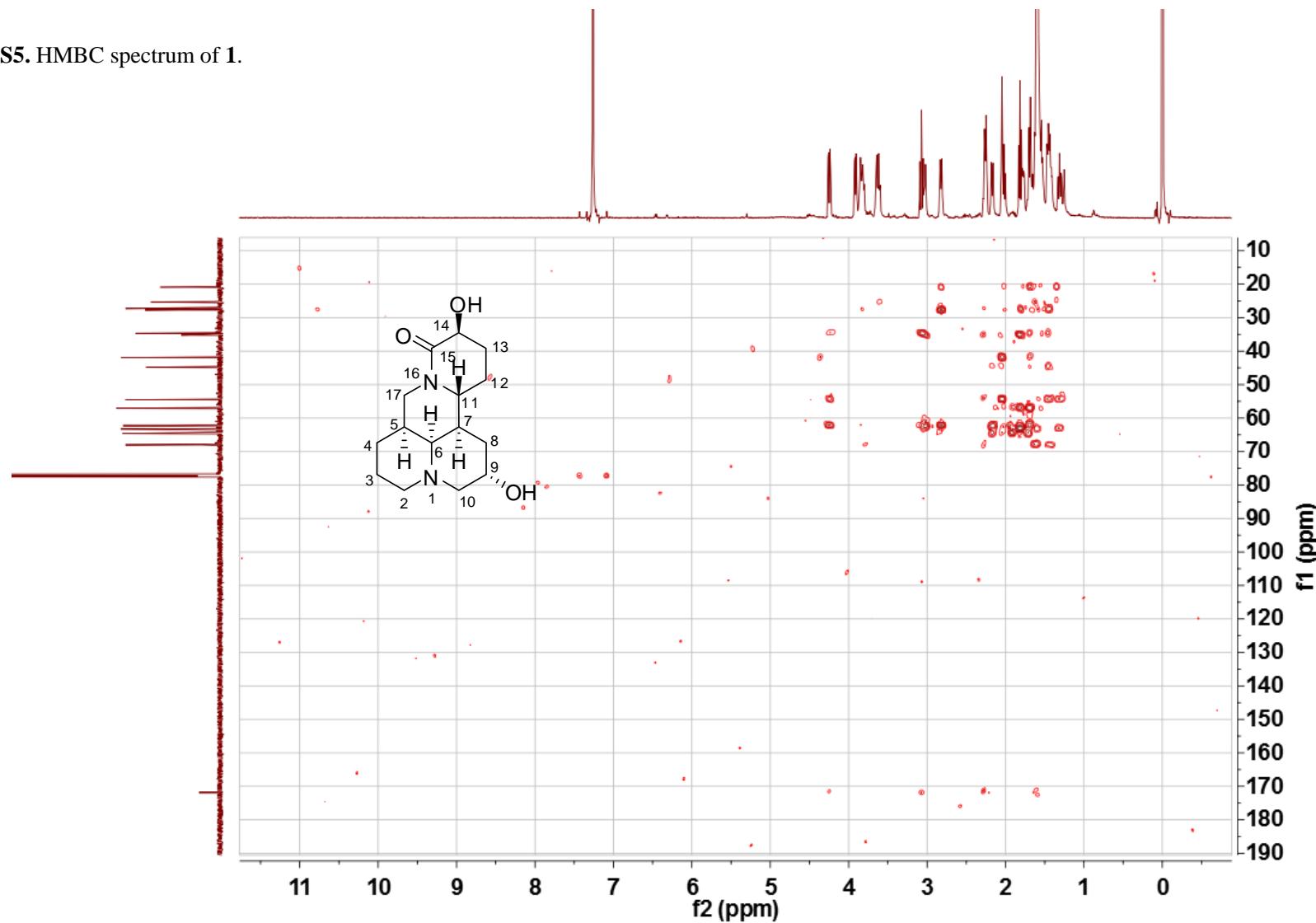
**Figure S3.** HSQC spectrum of **1**.



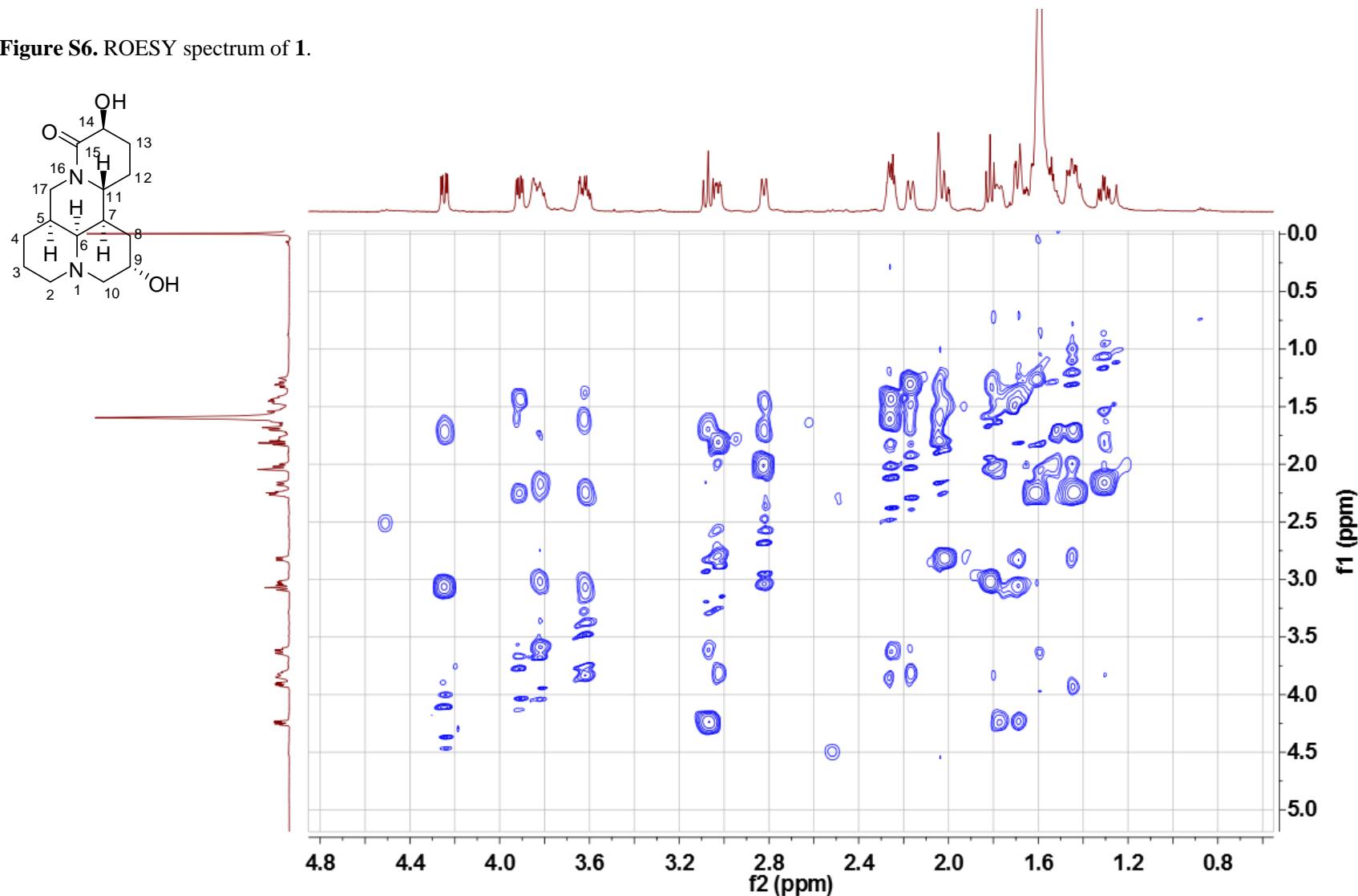
**Figure S4.**  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of **1**.



**Figure S5.** HMBC spectrum of **1**.



**Figure S6.** ROESY spectrum of **1**.



Elmt	Val.	Min	Max	Use Adduct																
H	1	2	100	F	1	0	0	S	2	0	5	Br	1	0	0	H				
2H	1	0	0	Na	1	0	0	Cl	1	0	0	Pd	2	0	0					
C	4	5	50	Mg	2	0	0	Co	2	0	0	Ag	1	0	0					
N	3	0	10	Si	4	0	5	Cu	2	0	0		3	0	0					
O	2	0	30	P	3	0	0	Se	2	0	0									

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HC Ratio: unlimited

Max Isotopes: all

MSn Iso RI (%): 75.00

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Measured region for 303.1678 m/z

303.1678

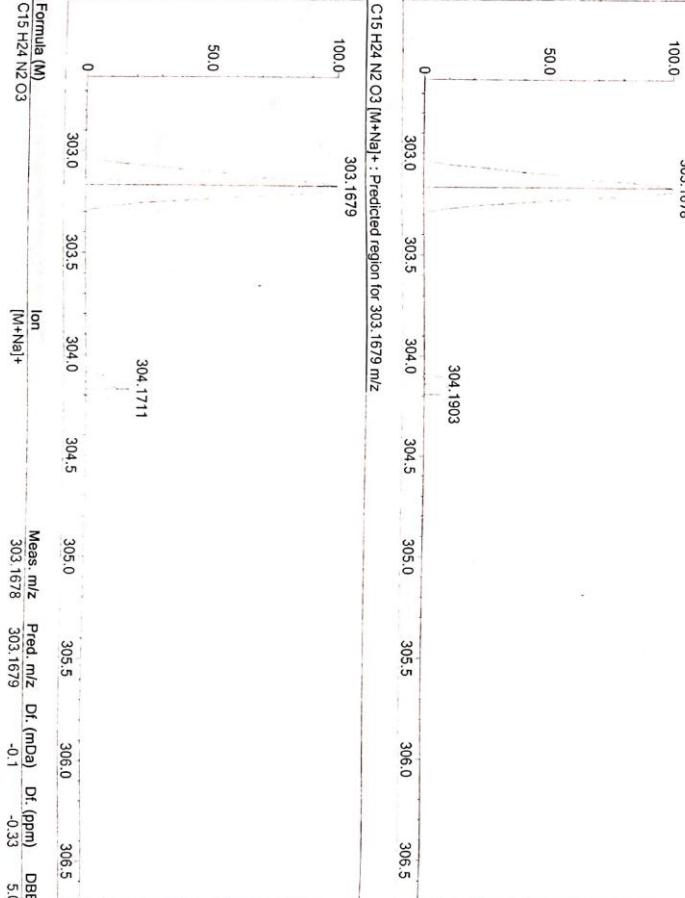
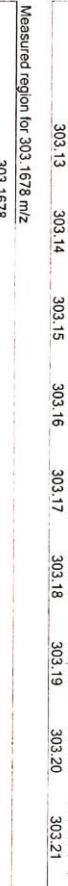
C15H24N2O3 [M+Na]+: Predicted region for 303.1679 m/z

303.1679

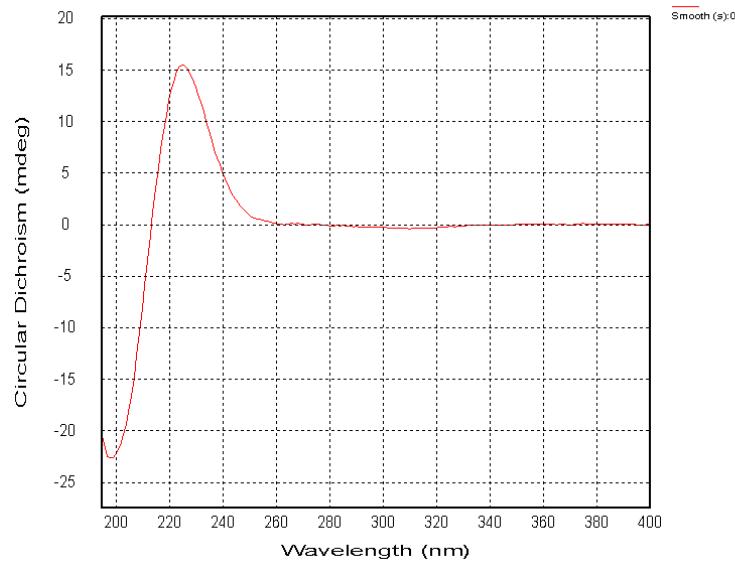
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50.0

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**Figure S7.** HR-ESI-MS spectrum of **1**.

**Figure S8.** ECD spectrum of **1**.



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