

Production of A New Cyclic Depsipeptide by the Culture Broth of *Staphylococcus* sp. Isolated from *Corallina officinalis* L.

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Additional Experimental Detail.

- 1) **Figure S1.** Elemental composition of compound **1**
- 2) **Figure S2.** FABMS spectrum of compound **1**
- 3) **Figure S3.** FABMS fragments of compound **1**
- 4) **Figure S4.** ¹H-NMR spectrum of compound **1** (pyridine-d₅)
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- 6) **Figure S5.** ¹³C-NMR spectrum of compound **1** (pyridine-d₅)
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- 9) **Figure S7a-S7-b.** HMBC spectrum expansions of compound **1** (pyridine-d₅)
- 10) **Figure S8.** ¹H-¹H COSY correlations of compound **1** (pyridine-d₅)
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- 13) **Figure S9-a.** NOESY spectrum of compound **1** with identified correlations

[Elemental Composition]					Page: 1
Data :	DHFA2493			Date :	06-Mar-2013 14:10
Sample:	Mansour	No.A-20-1-2-2			
Note :	No.2	Pyridine	+	M.B	+ NaCl
Inlet :	Direct			Ion Mode :	FAB+
RT :	0.67 min			Scan#:	(6,7)
Elements :	C 49/0,	H 90/0,	N 9/0,	O 12/0,	Na 1/0
Mass Tolerance	: 10mmu				
Unsaturation (U.S.)	: -5.0 - 60.0				
Observed m/z	Int%	Err [ppm / mmu]	U.S.	Composition	
1017.6417	9.1	-3.2 / -3.3	10.0	C 49 H 88 N 9 O 12 Na	
1016.6396	14.1	+2.4 / +2.5	10.5	C 49 H 87 N 9 O 12 Na	

Figure S1. Elemental composition of compound **1**

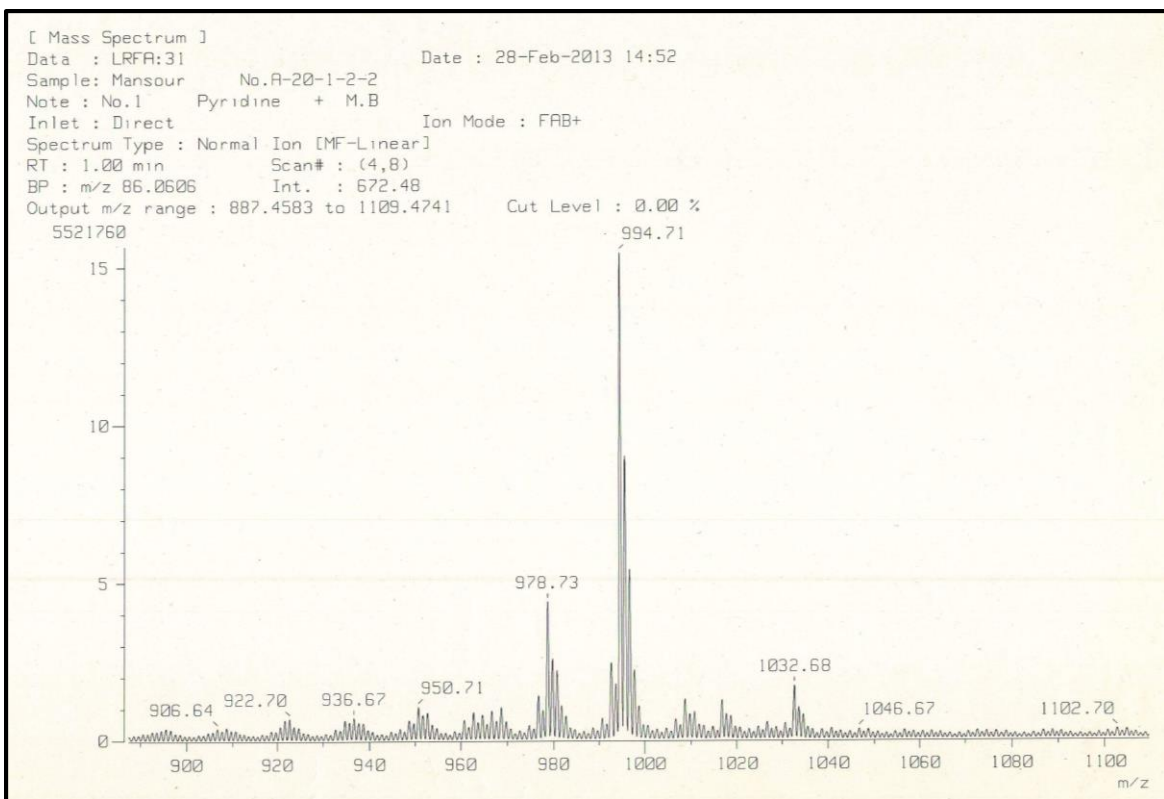


Figure S2. FABMS spectrum of compound 1

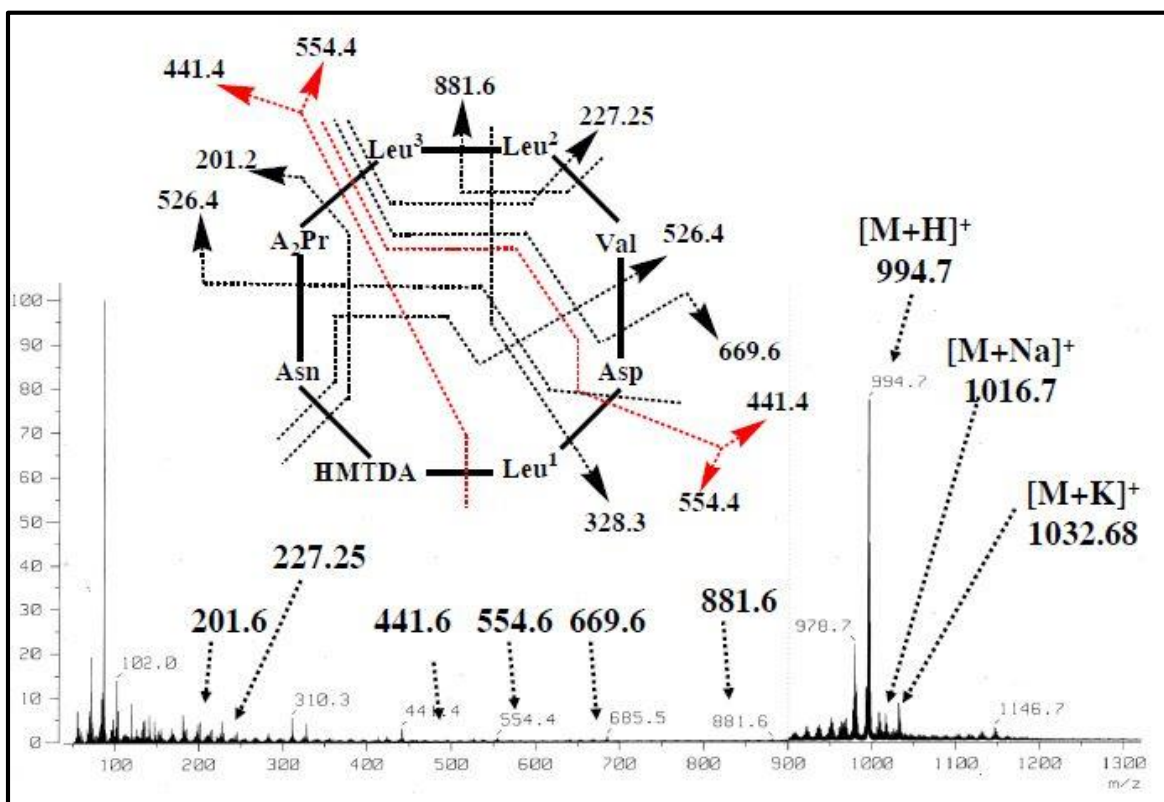


Figure S3. FABMS fragments of compound 1

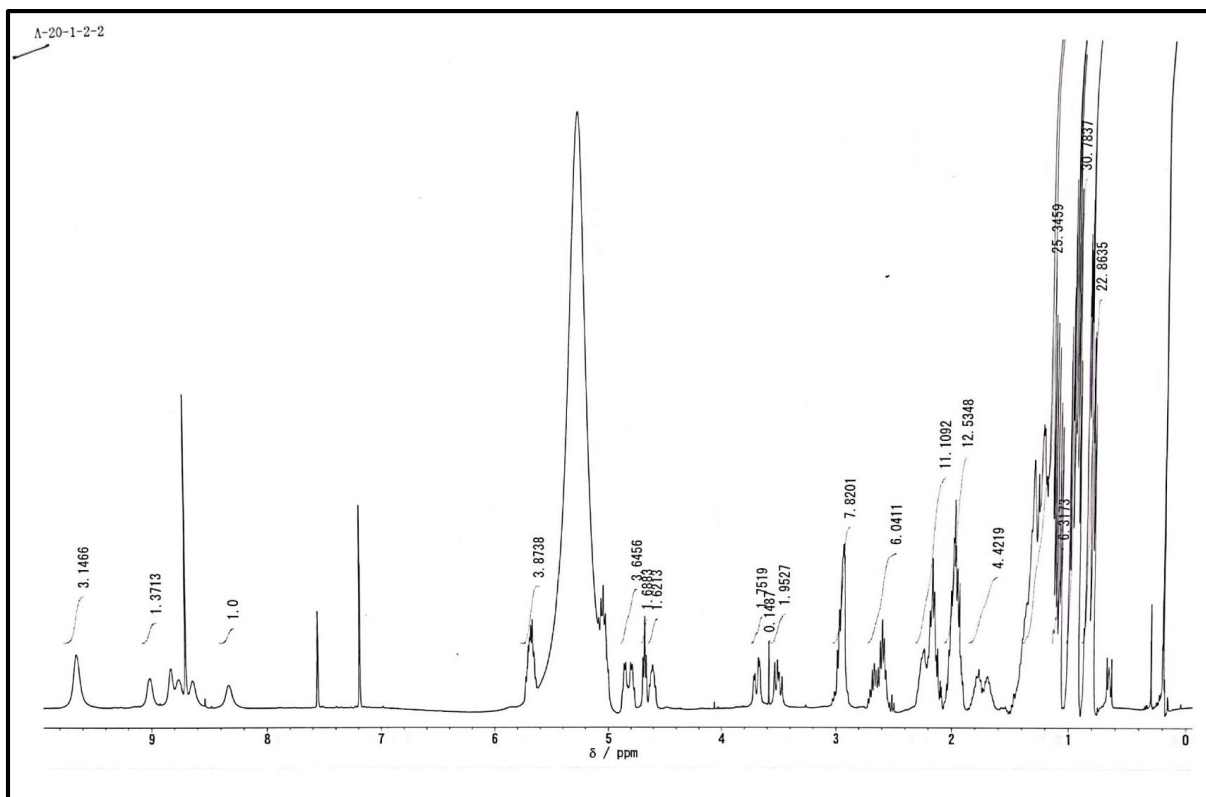


Figure S4. $^1\text{H-NMR}$ spectrum of compound 1 (pyridine- d_5)

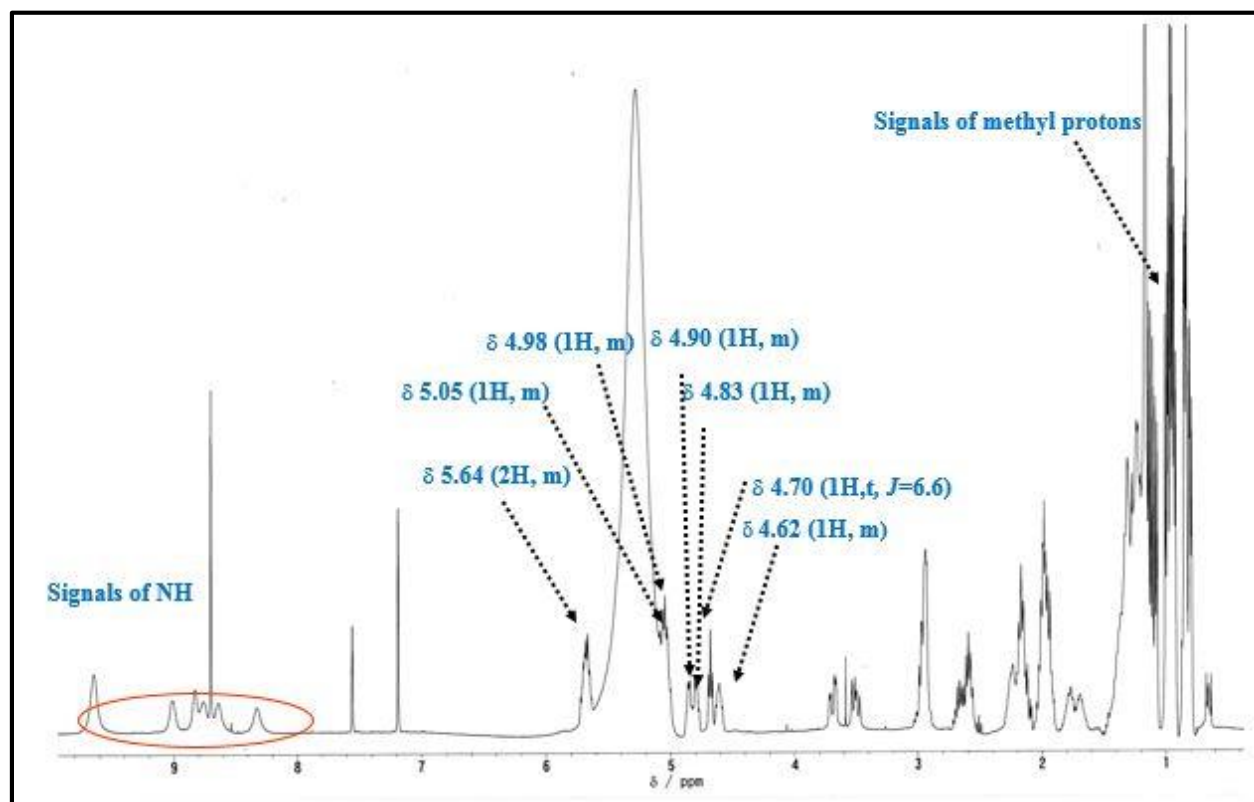


Figure S4-a. $^1\text{H-NMR}$ spectrum of compound 1 with identified signals

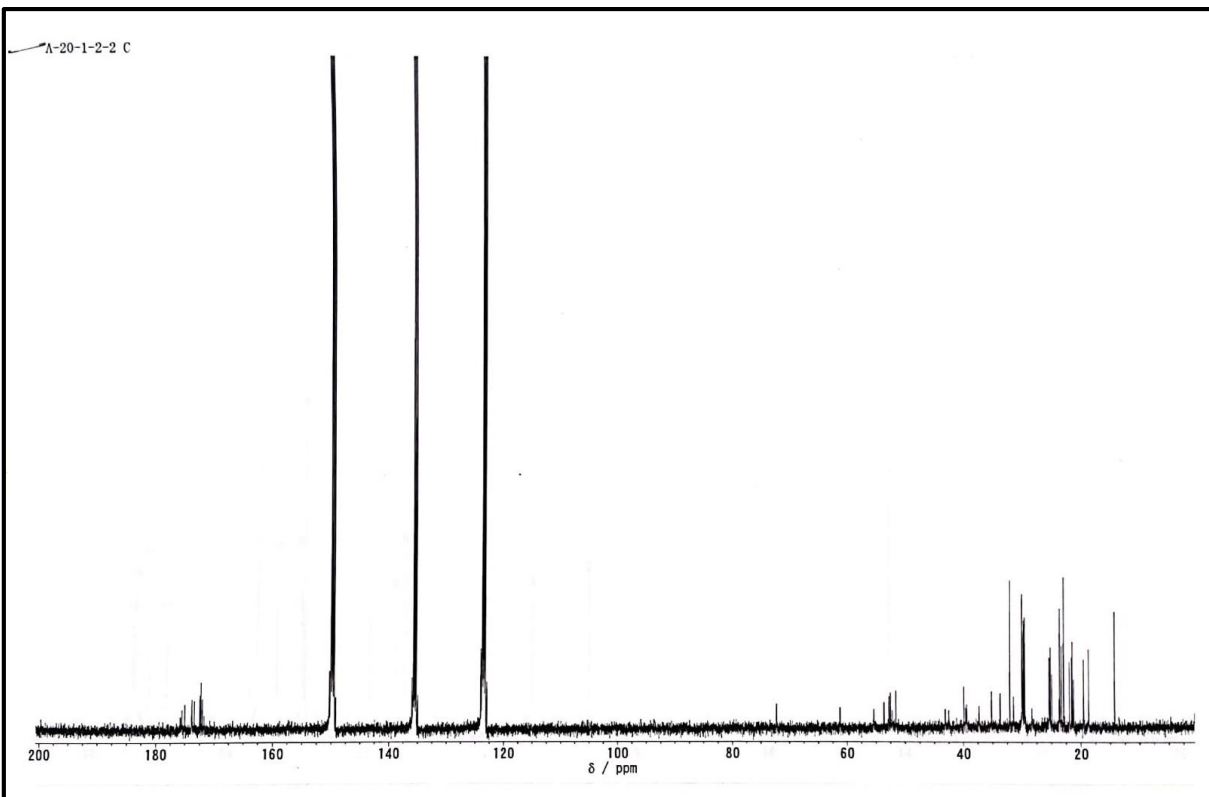


Figure S5. ^{13}C -NMR spectrum of compound **1** (pyridine- d_5)

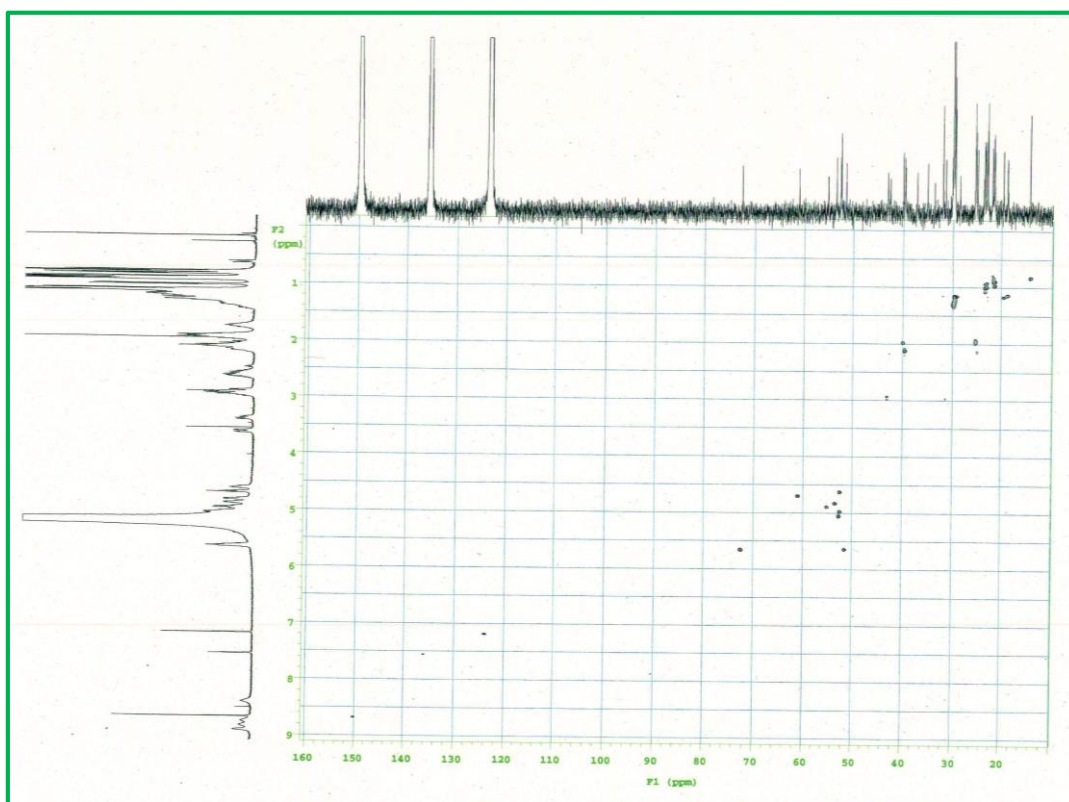


Figure S6. HSQC spectrum of compound **1** (pyridine- d_5)

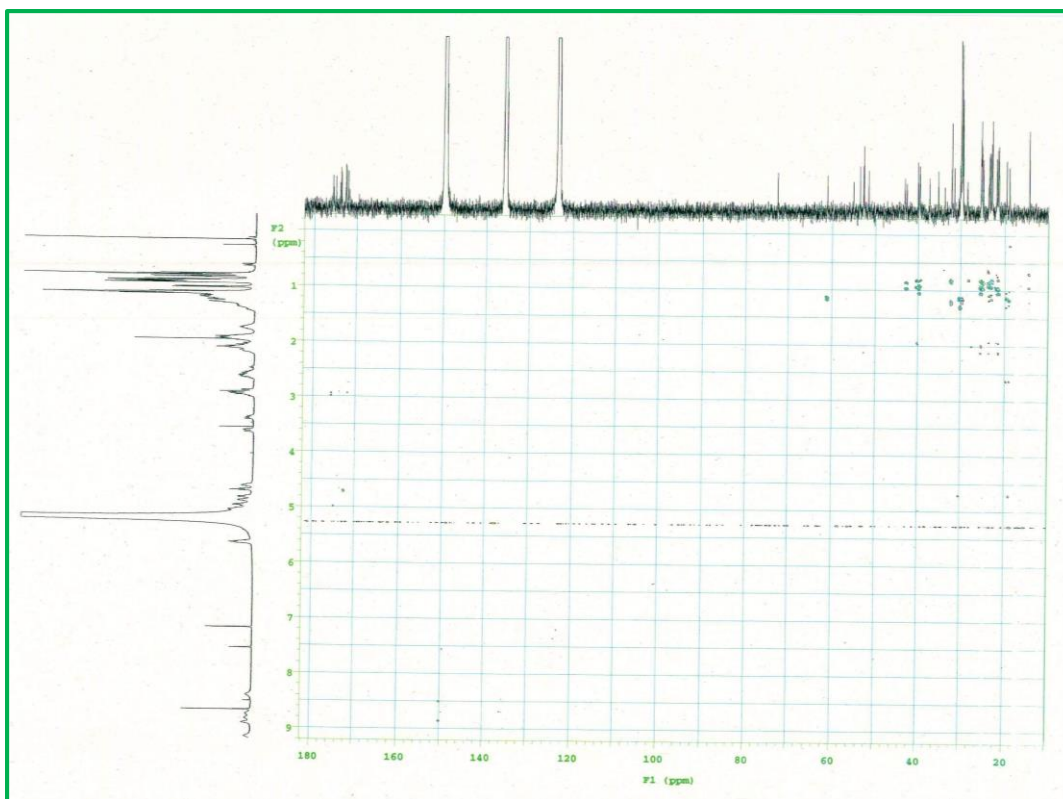


Figure S7. HMBC spectrum of compound **1** (pyridine-d₅)

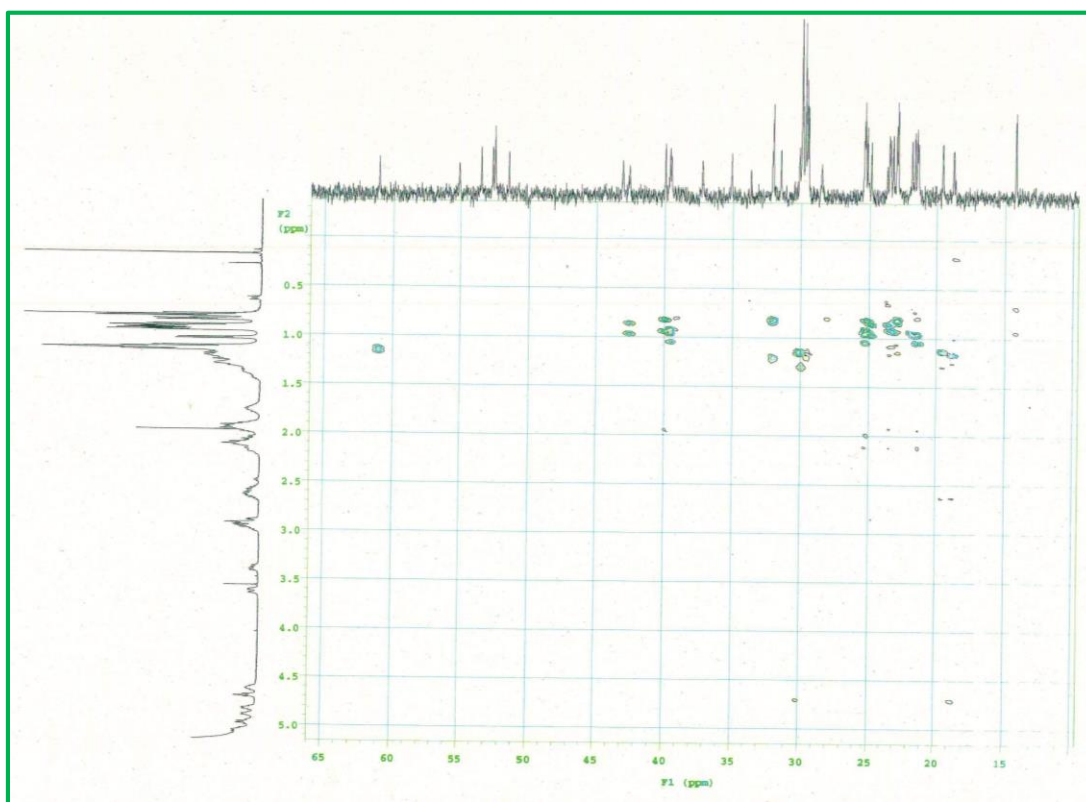


Figure S7-a. HMBC spectrum expansions of compound **1** (pyridine-d₅)

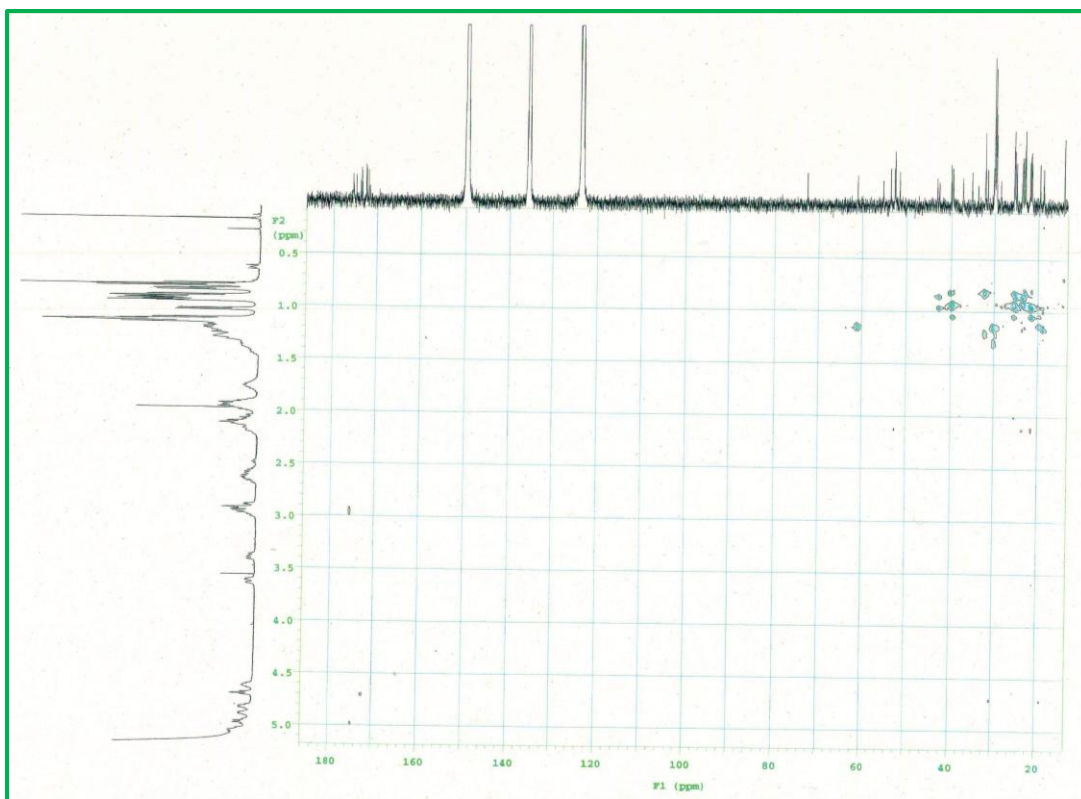


Figure S7-b. HMBC spectrum expansions of compound **1** (pyridine-d₅)

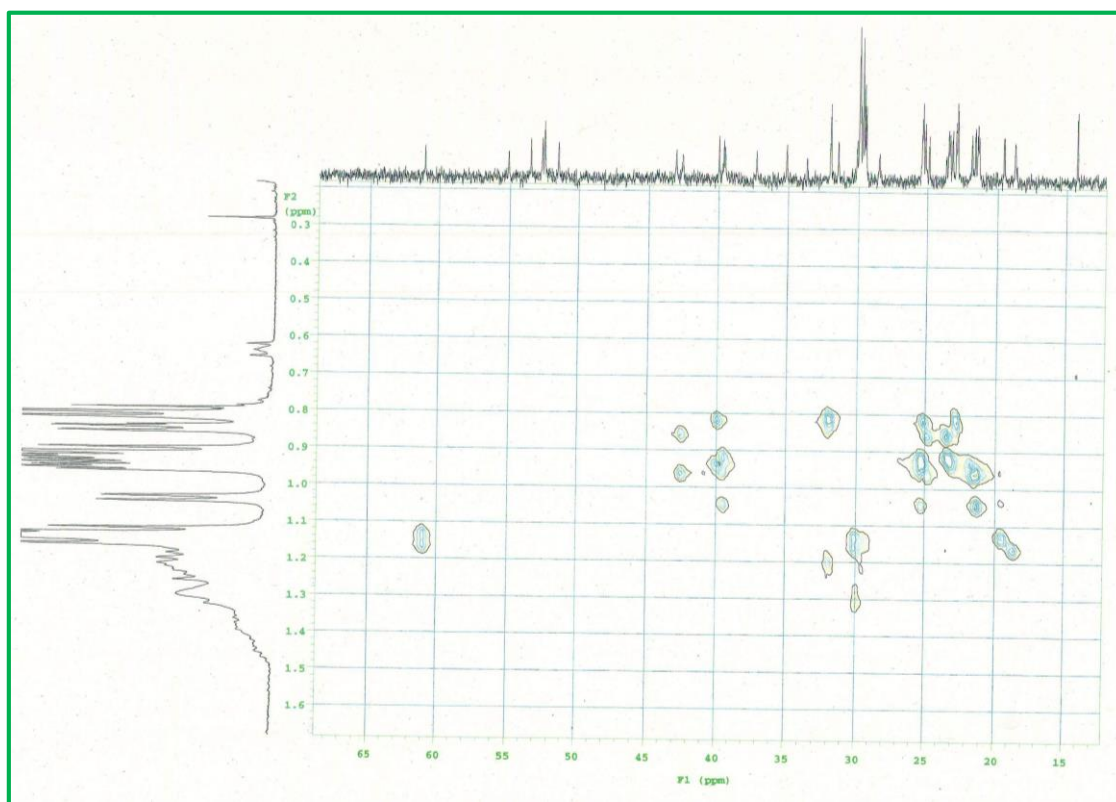


Figure S7-c. HMBC spectrum expansions of compound **1** (pyridine-d₅)

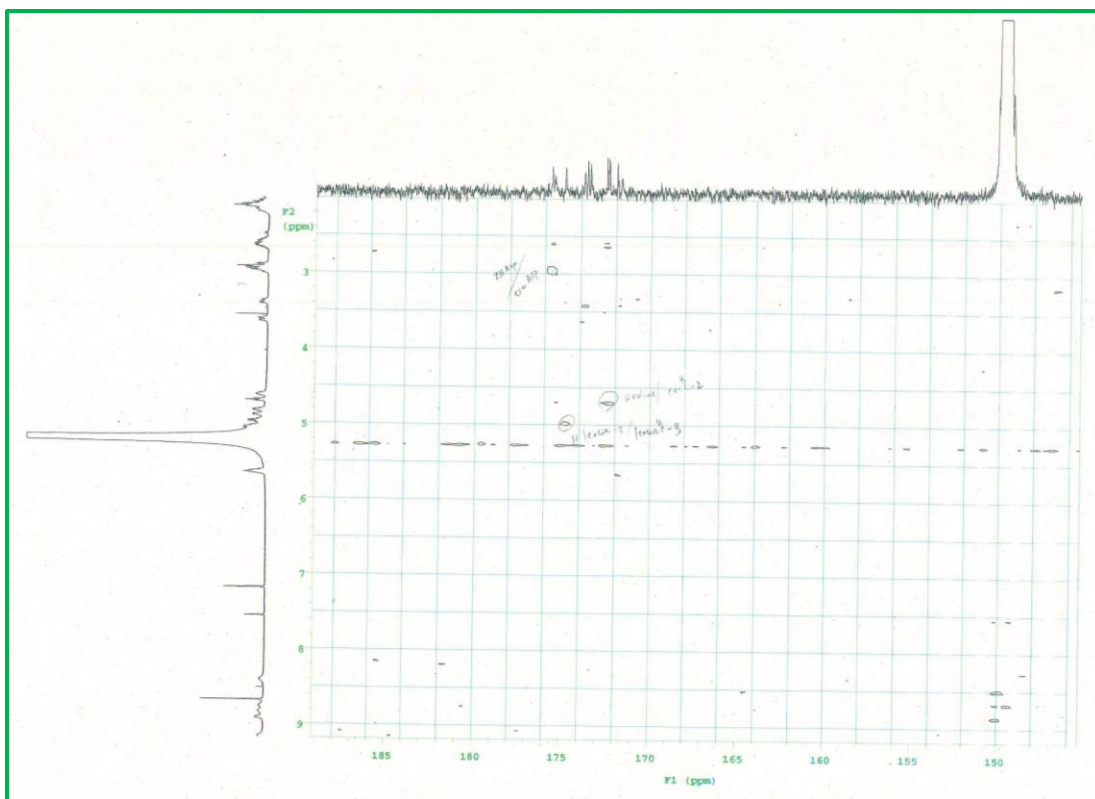


Figure S7-d. HMBC spectrum expansions of compound **1** (pyridine-d₅)

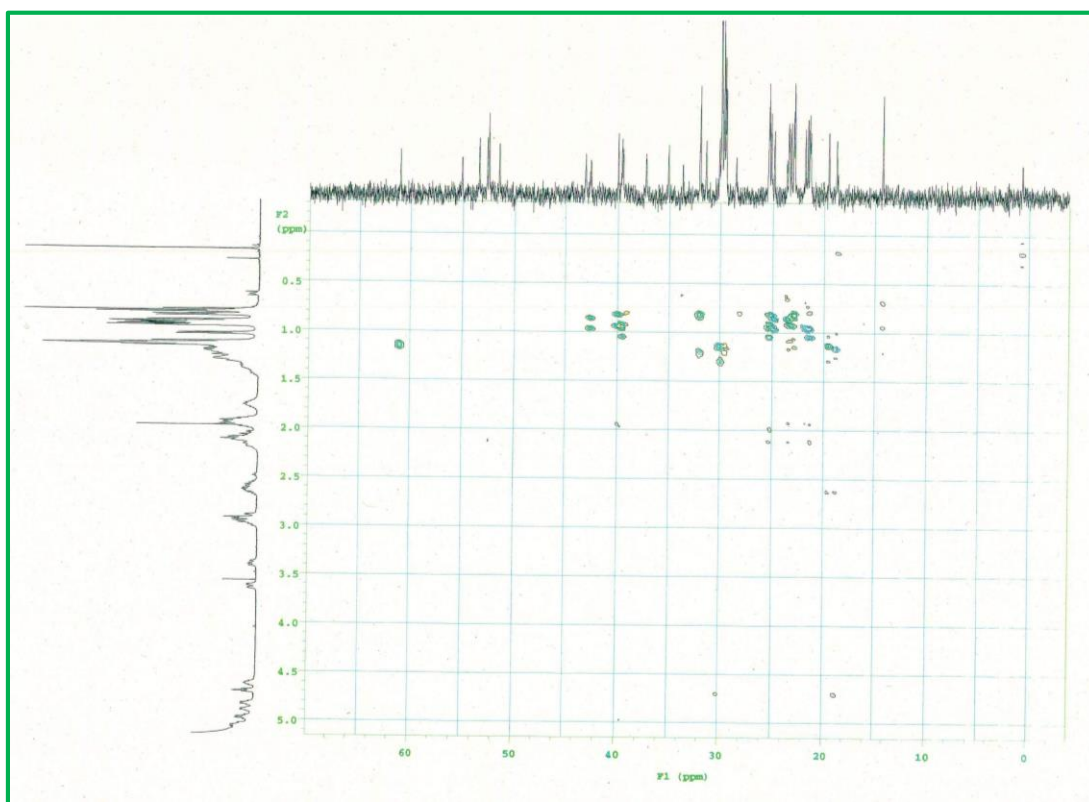


Figure S7-e. HMBC spectrum expansions of compound **1** (pyridine-d₅)

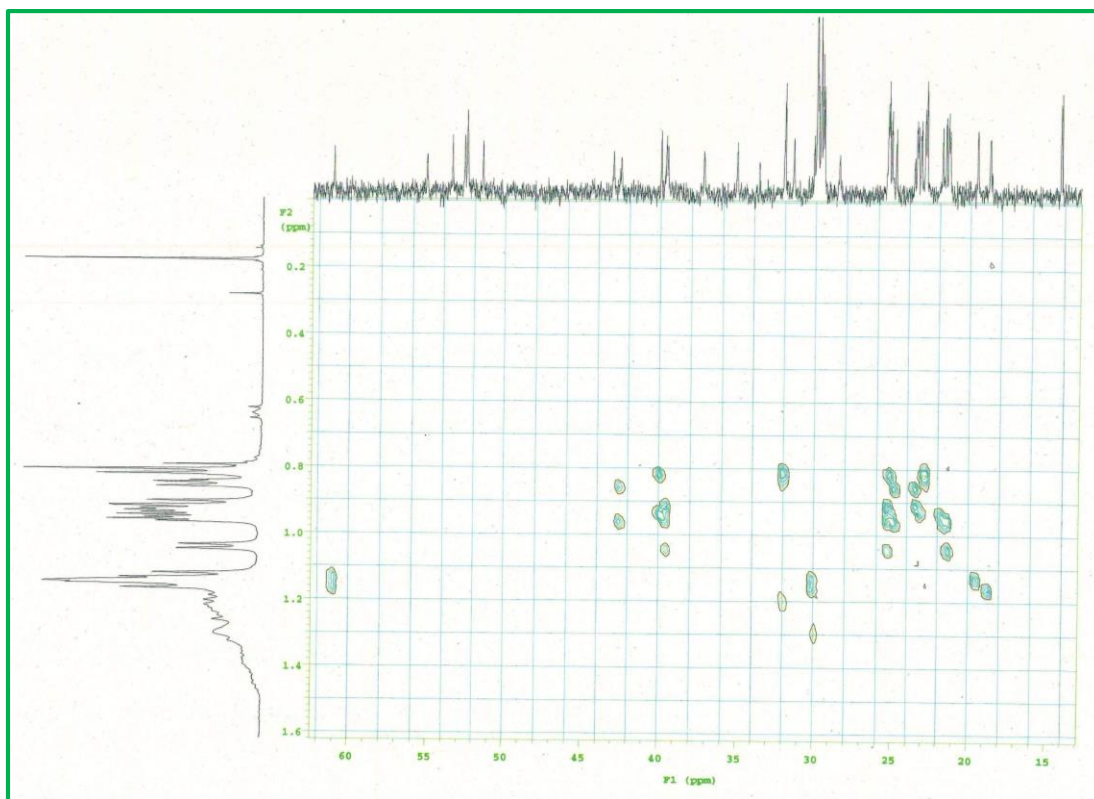


Figure S7-f. HMBC spectrum expansions of compound **1** (pyridine-d₅)

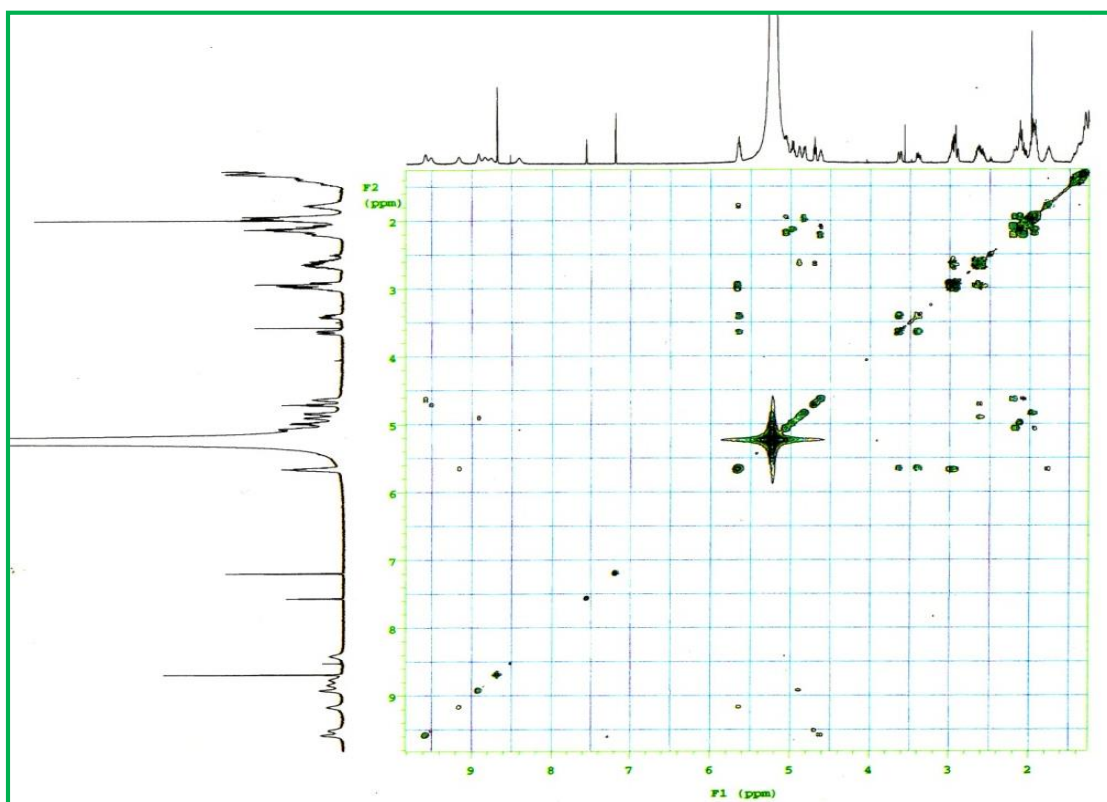


Figure S8. ¹H-¹H COSY correlations of compound **1** (pyridine-d₅)

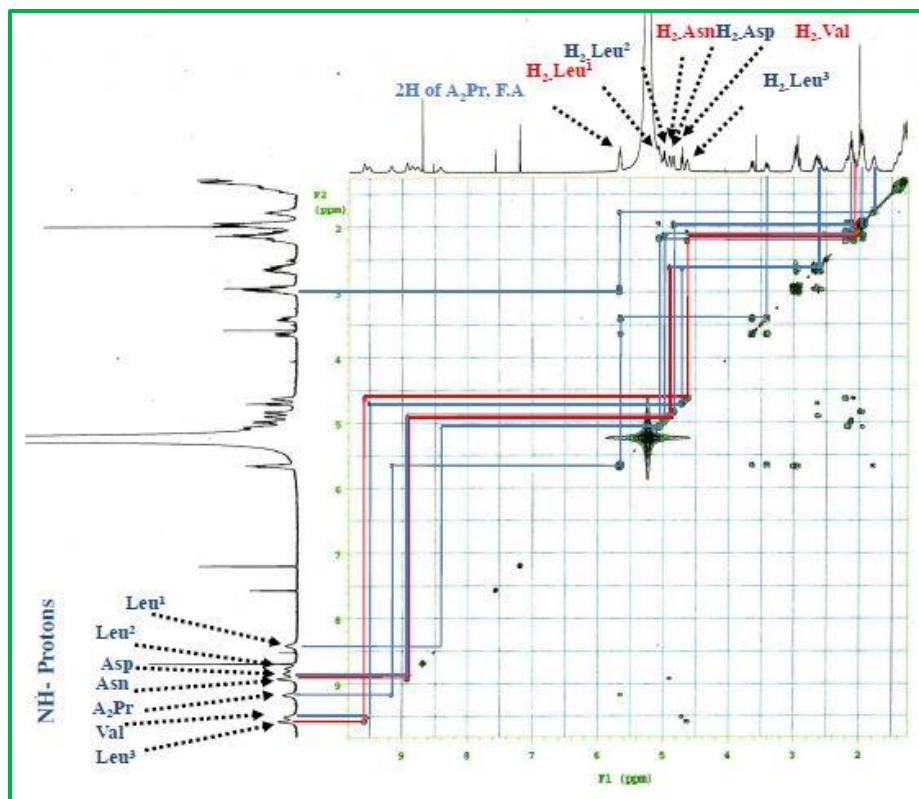


Figure S8-a. ¹H-¹H COSY spectrum of compound **1** with identified correlations

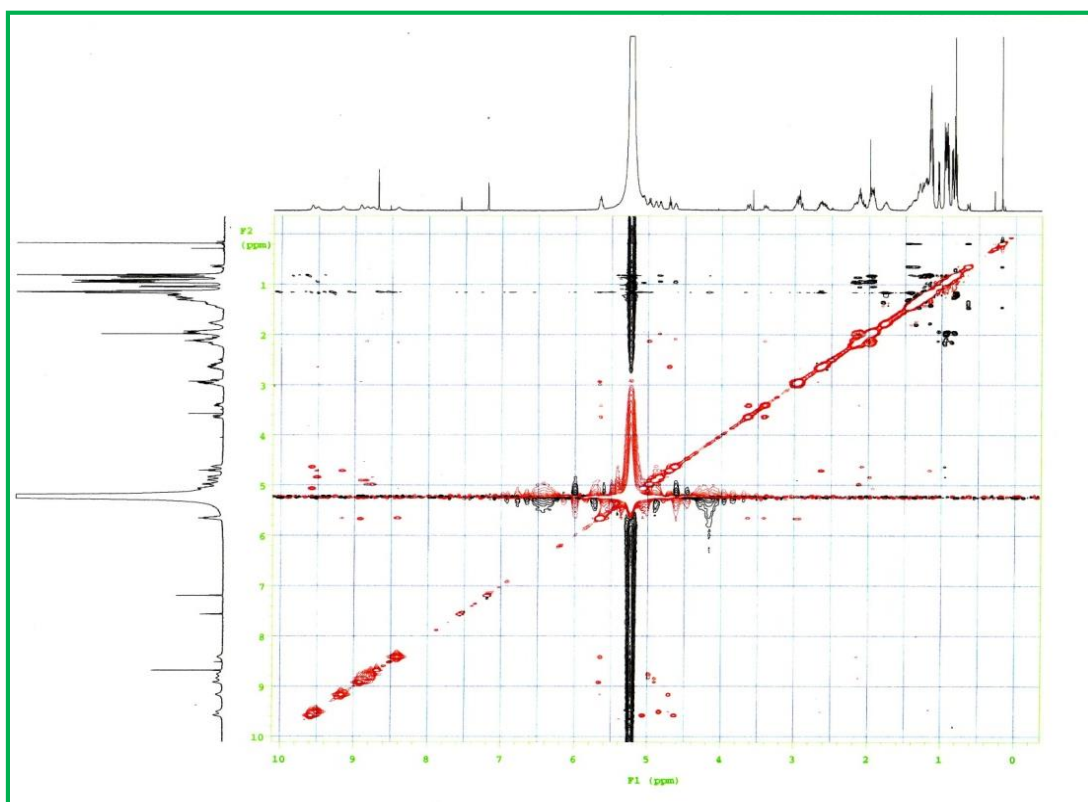


Figure S9. NOESY correlations of compound **1** (pyridine-d₅)

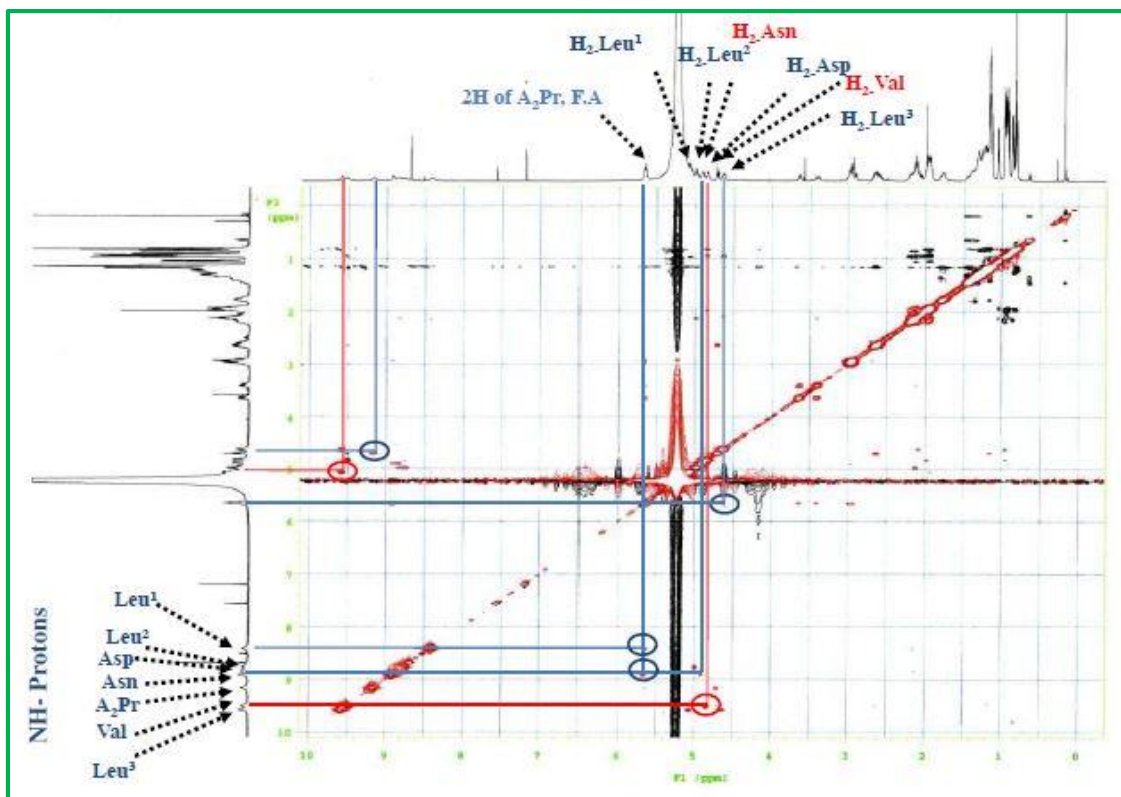


Figure S9-a. NOESY spectrum of compound **1** with identified correlations