

Supporting Information

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Antimicrobial and α -Glucosidase Inhibitory Compounds from the Branches of *Uvaria siamensis*

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Table S1: Antimicrobial activity of fractions EA1-EA14 and isolated compounds **1-8**.

Fraction/Compound	Concentration (mg/mL)	Strain inhibition (mm)	
		<i>S. aureus</i> ATCC 25923	MRSA
EA1	10	12	12
EA2	10	14	12
EA3	10	14	12
EA4	10	14	12
EA5	10	21	18
EA6	10	20	16
EA7	10	20	16
EA8	10	22	17
EA9	10	23	20
EA10	2	13	11
EA11	10	22	18
EA12	2	16	13
EA13	2	14	0
EA14	10	19	15
4	1	13	12
6	1	13	12
1-3, 5, 7-8	10	0	0
DMSO (negative control)	0	0	0
Apramycin (positive control)	1	16	19

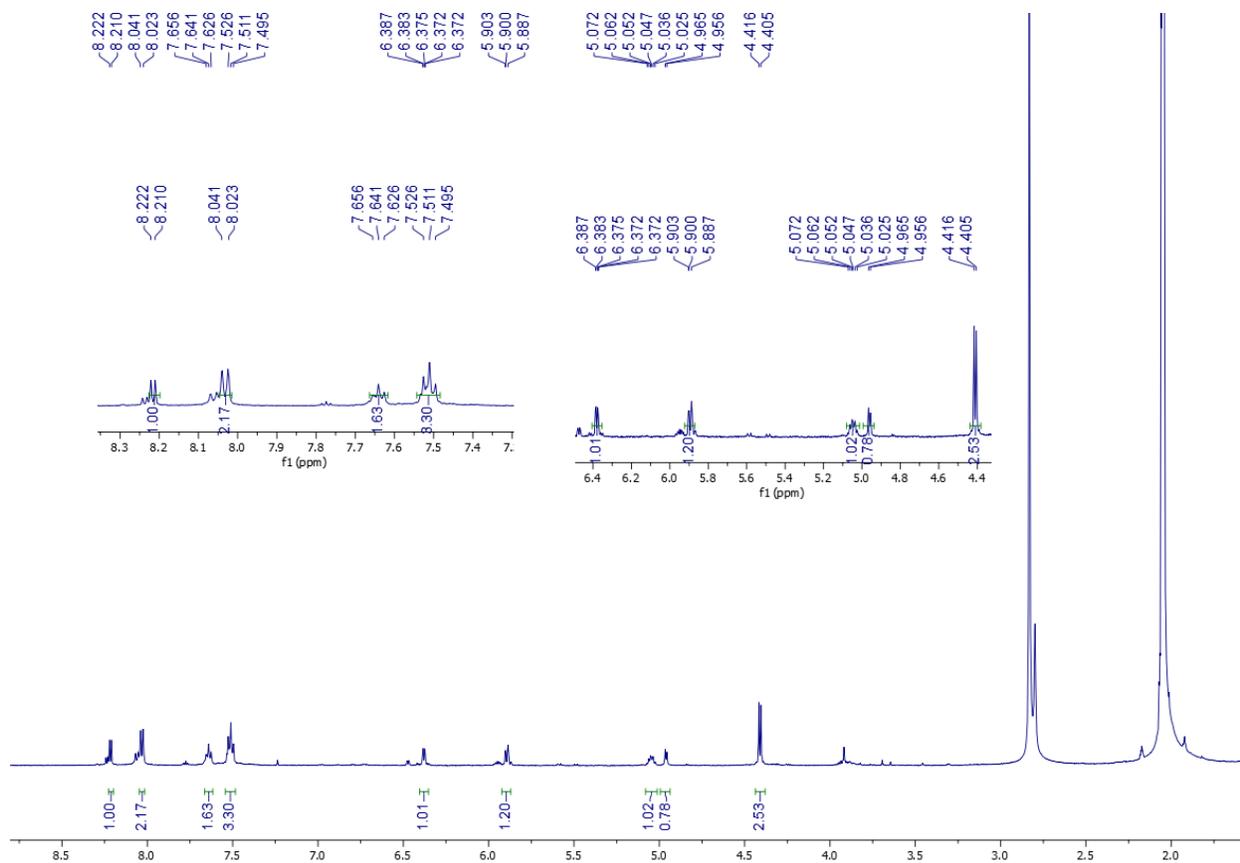


Figure S1A: The ^1H NMR spectrum of **1** in acetone- d_6 .

User Spectrum Plot Report

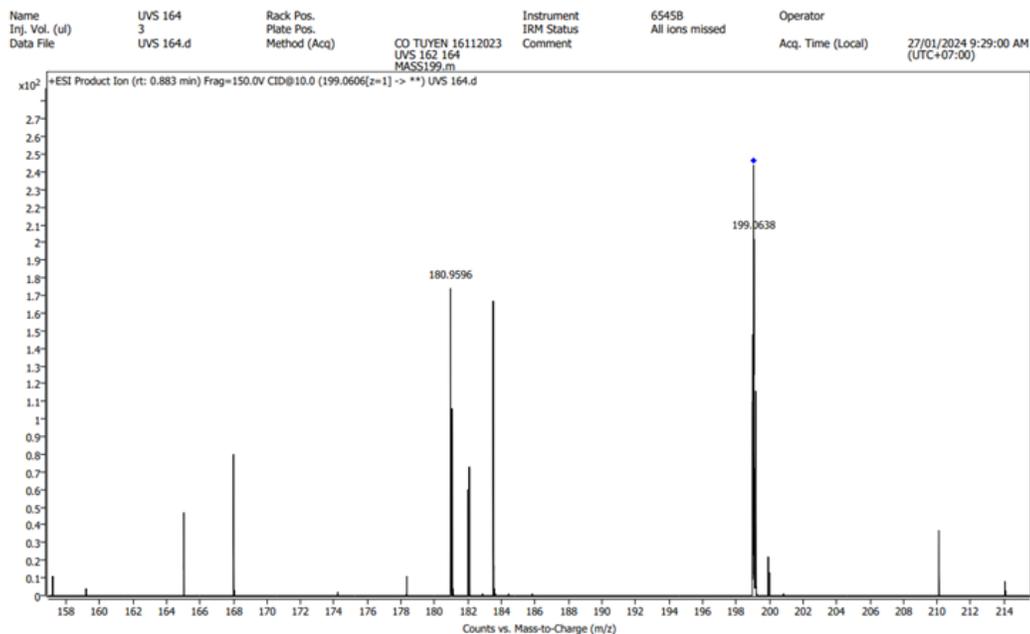


Figure S2A: The HRESIMS spectrum of **2**.

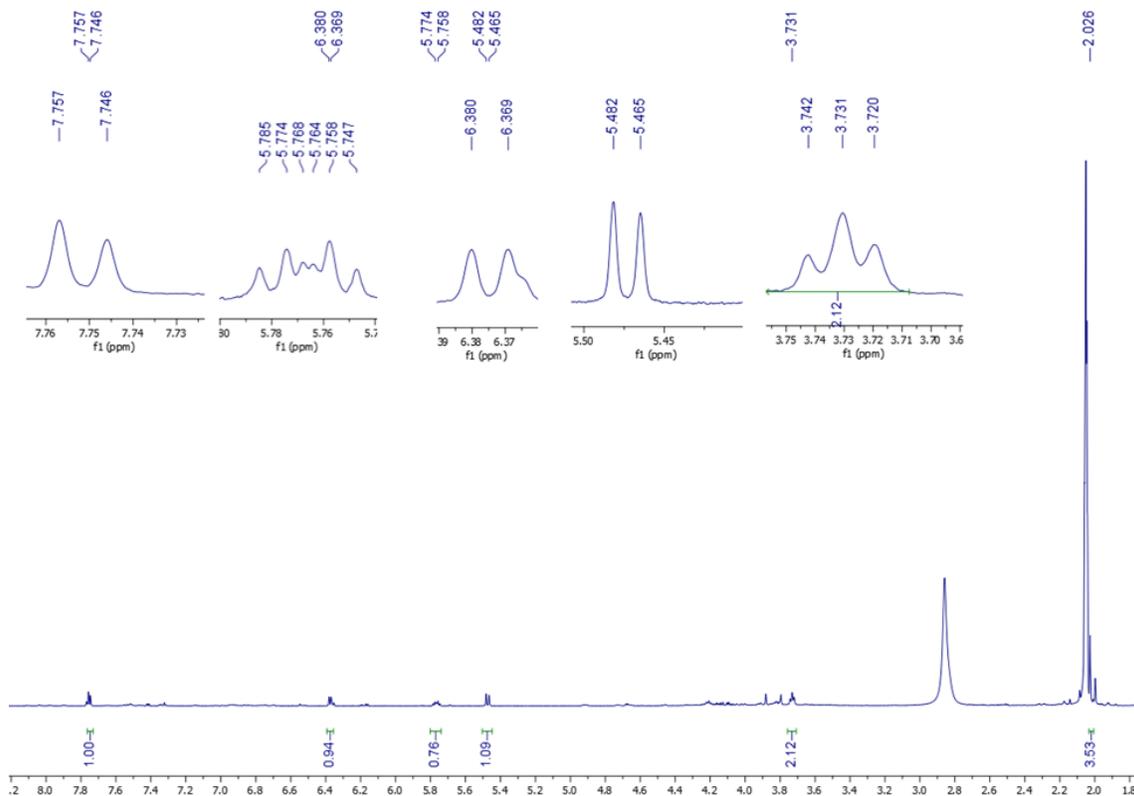


Figure S2B: The ^1H NMR spectrum of **2** in acetone- d_6 .

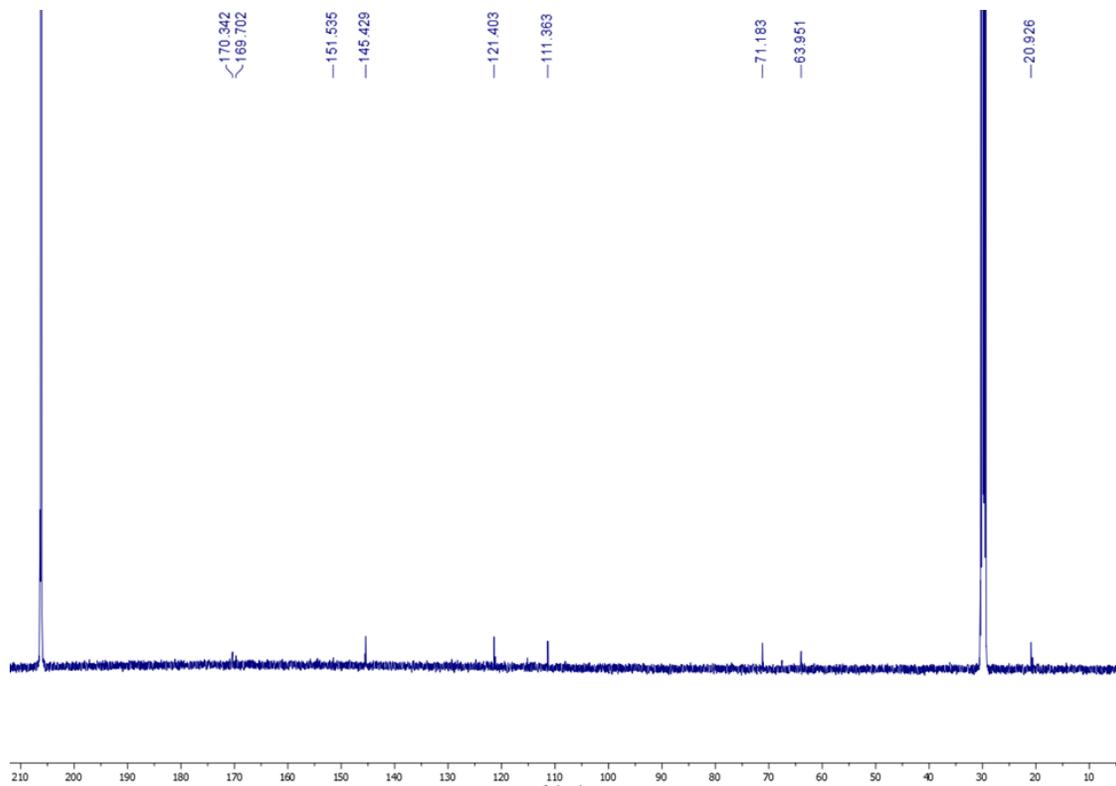


Figure S2C: The ^{13}C NMR spectrum of **2** in acetone- d_6 .

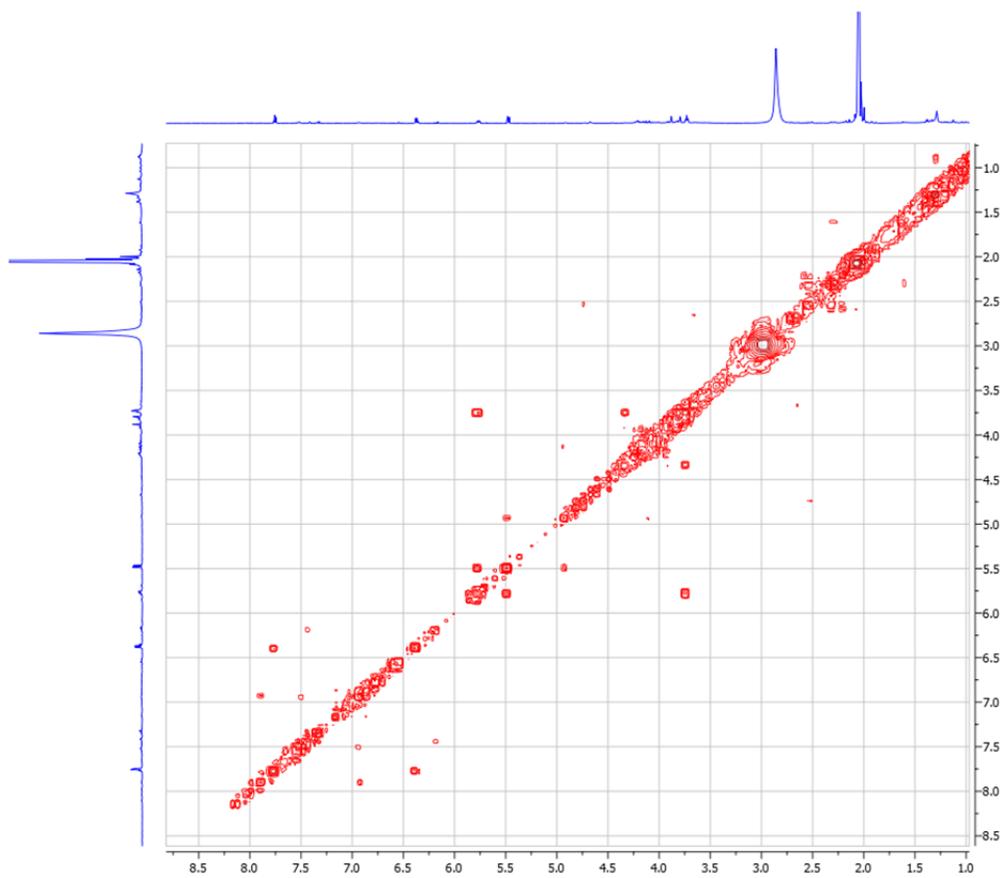


Figure S2D: The COSY spectrum of **2** in acetone- d_6 .

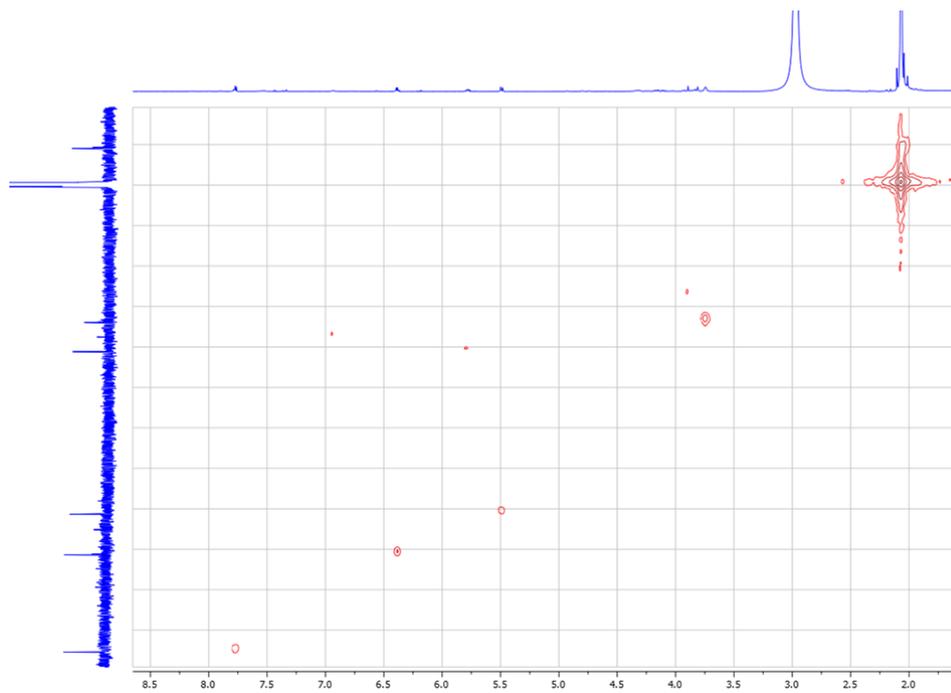


Figure S2E: The HSQC spectrum of **2** in acetone- d_6 .

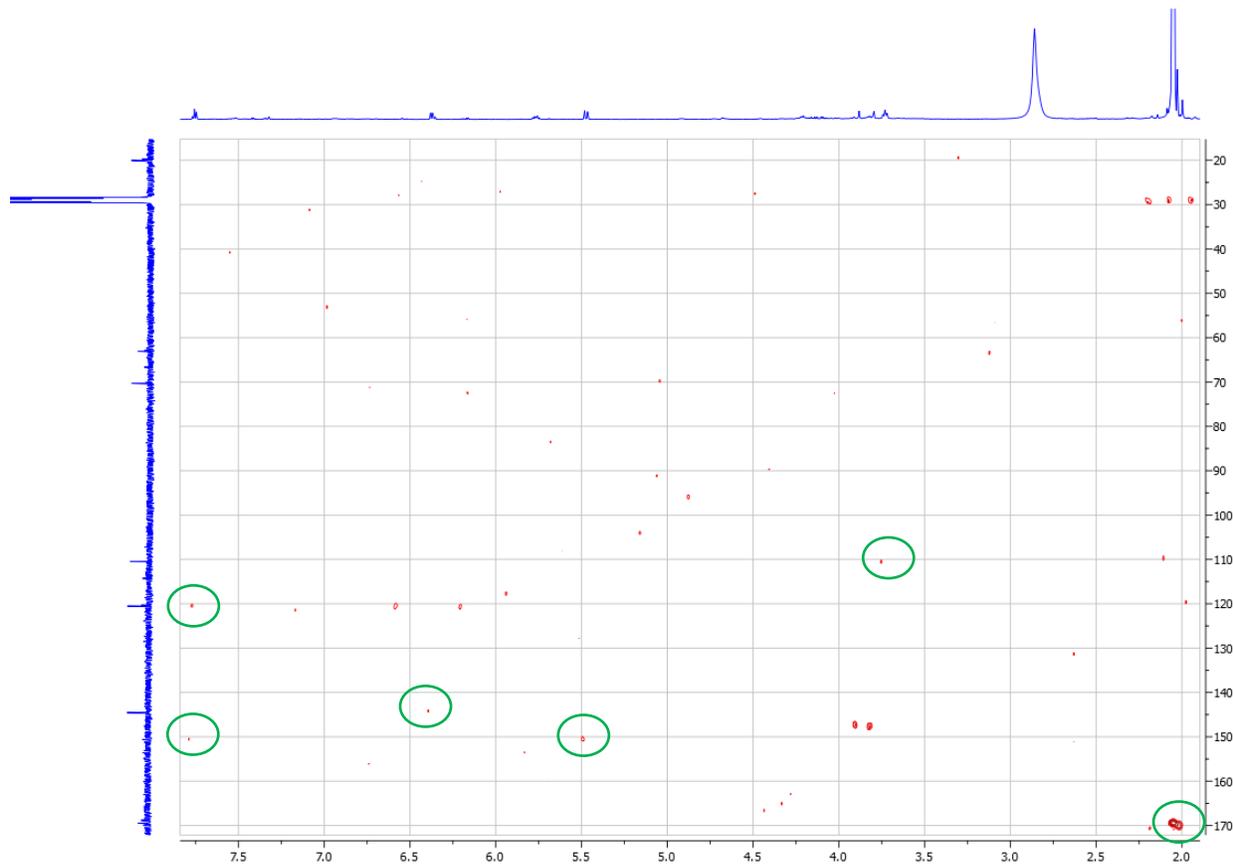


Figure S2F: The HMBC spectrum of **2** in acetone- d_6 .

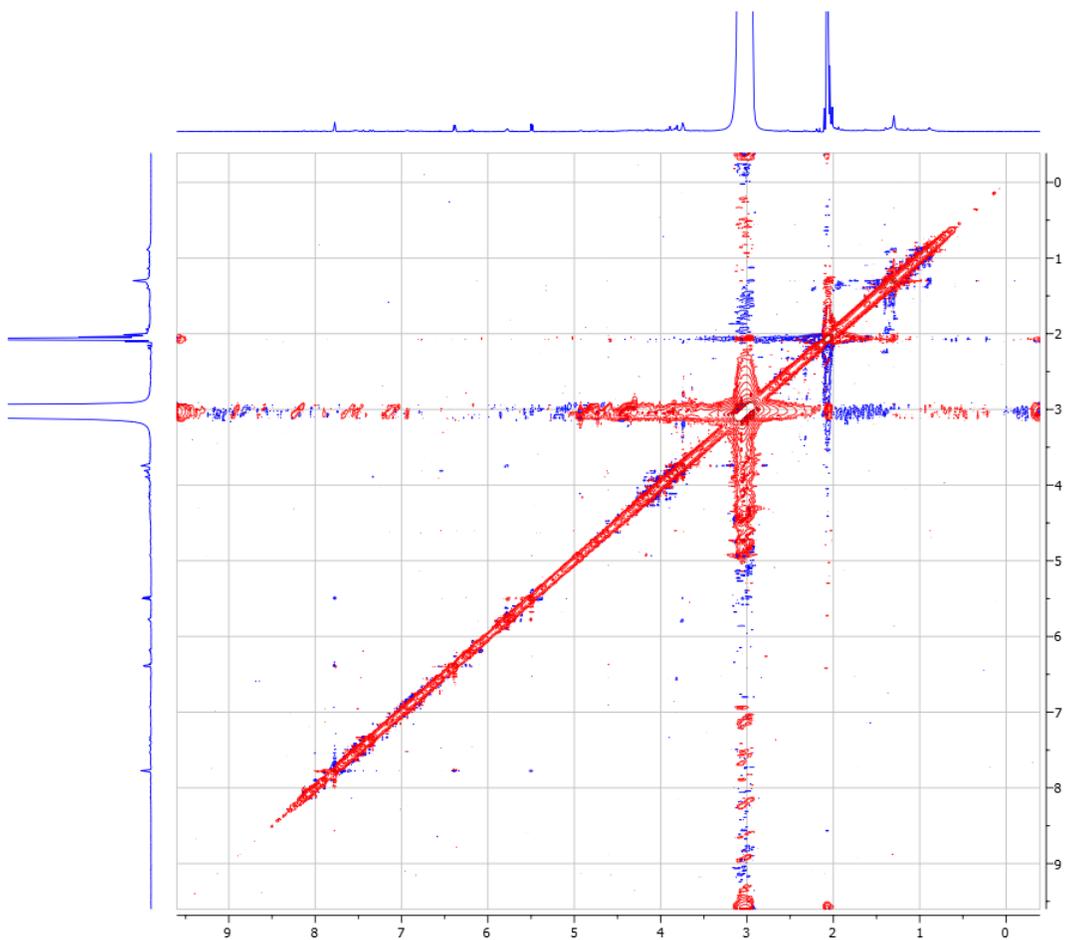


Figure S2G: The NOESY spectrum of **2** in acetone- d_6 .

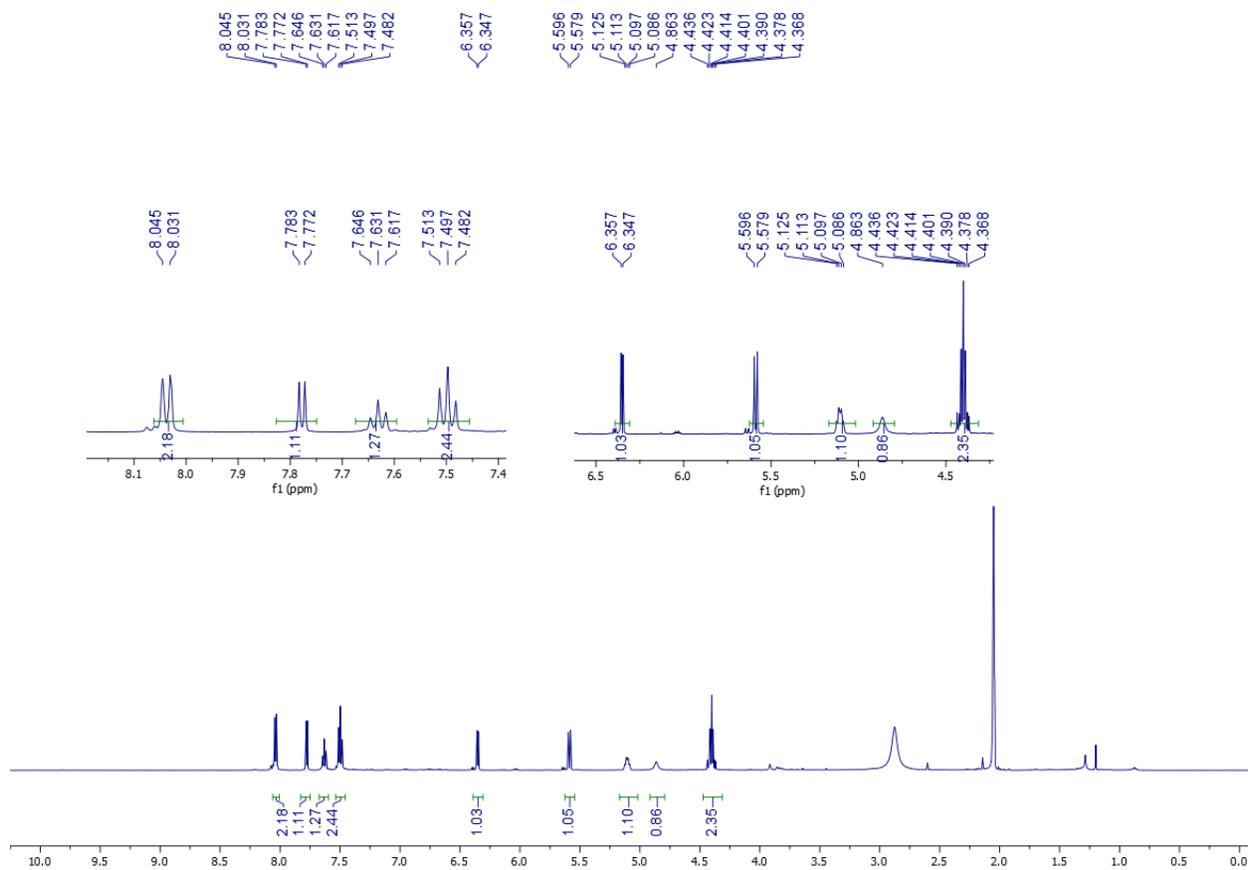


Figure S3A: The ^1H NMR spectrum of **3** in acetone- d_6 .

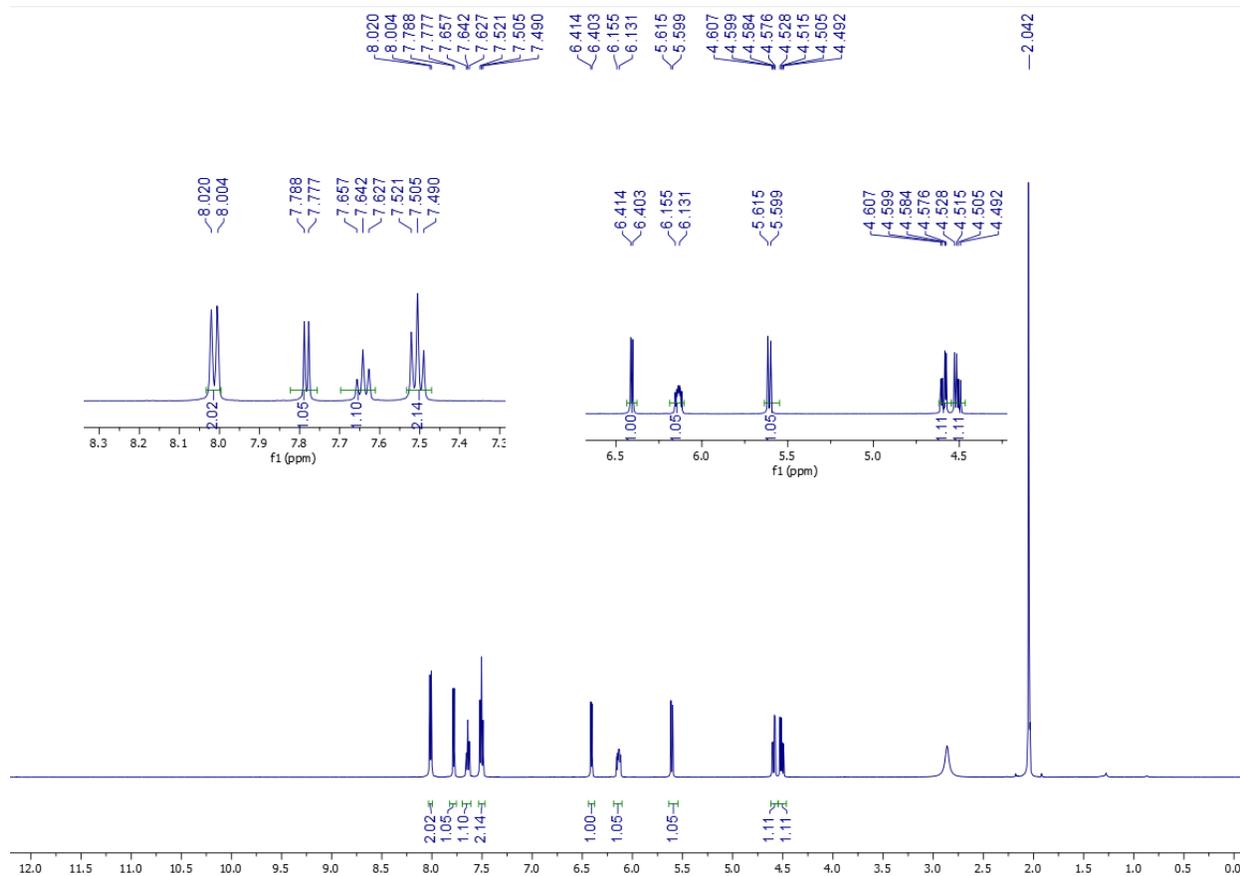


Figure S4A: The ^1H NMR spectrum of **4** in acetone- d_6 .

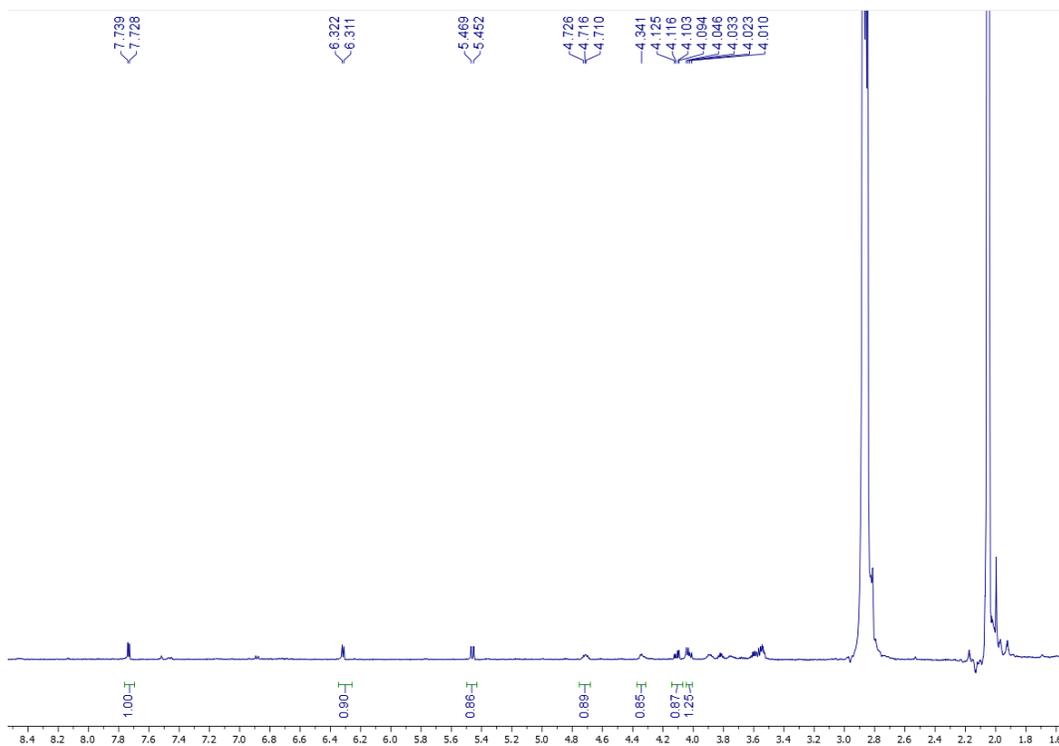


Figure S5A: The ^1H NMR spectrum of **5** in acetone- d_6 .

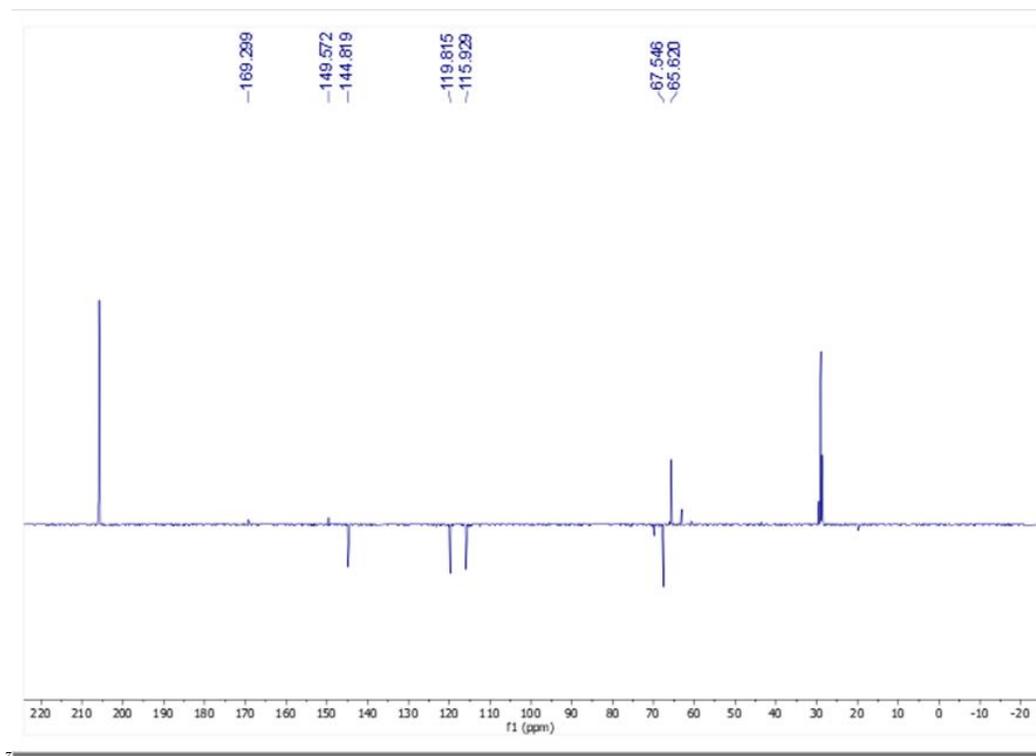


Figure S5B: The ^{13}C NMR spectrum of **5** in acetone- d_6 .

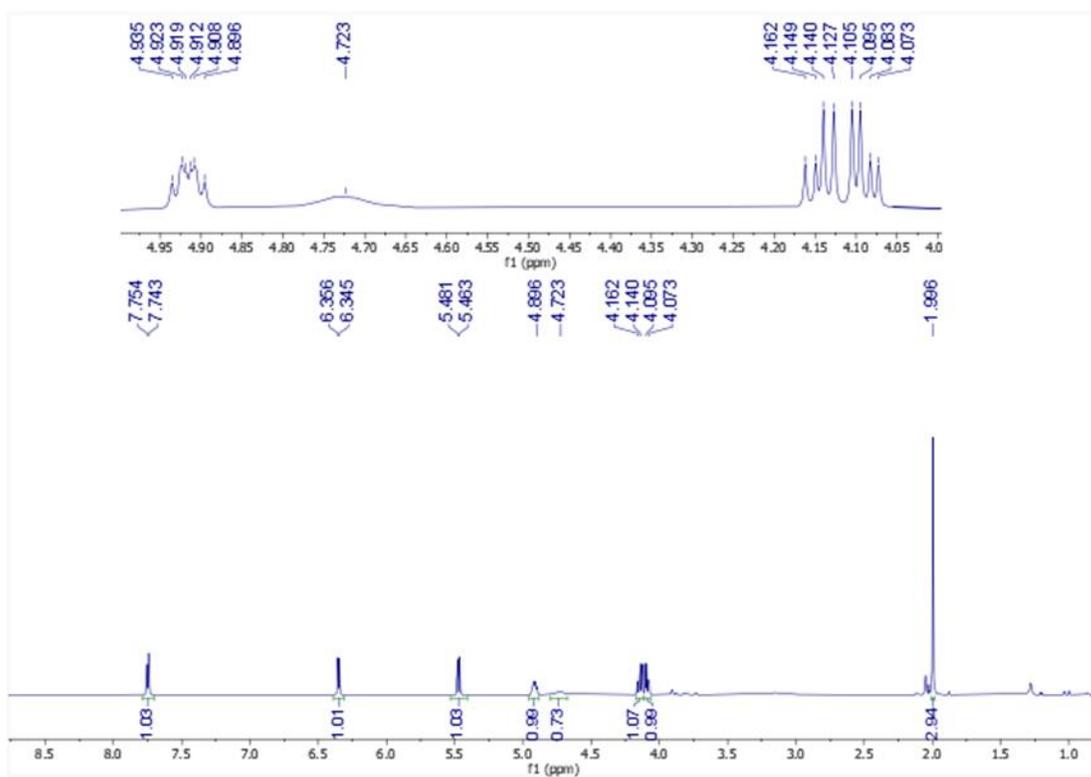


Figure S6A: The ^1H NMR spectrum of **6** in acetone- d_6 .

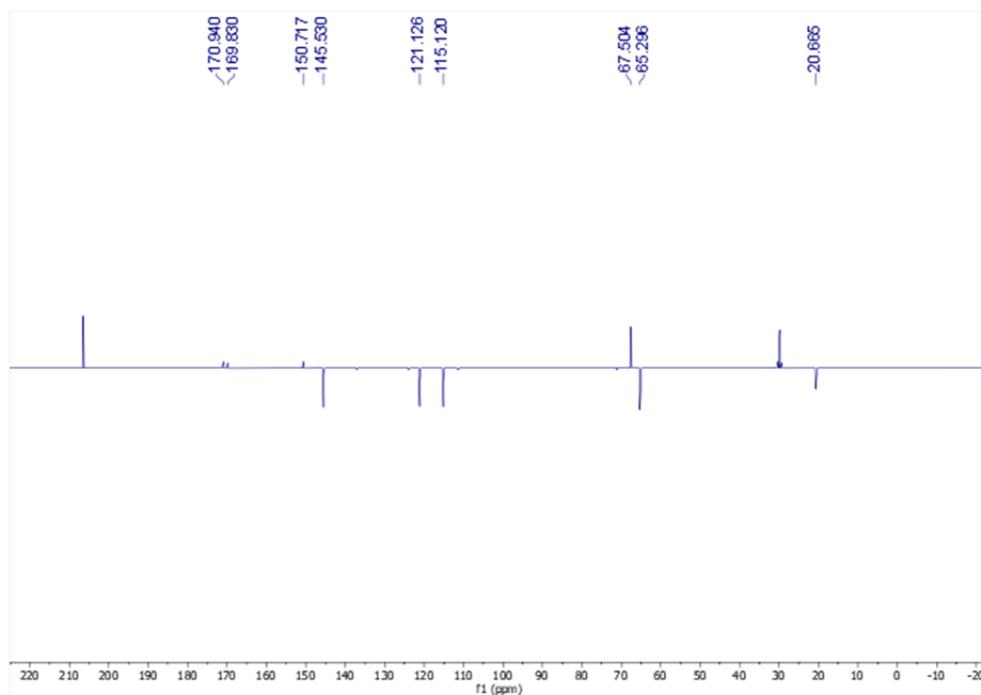


Figure S6B: The ^{13}C NMR spectrum of **6** in acetone- d_6 .

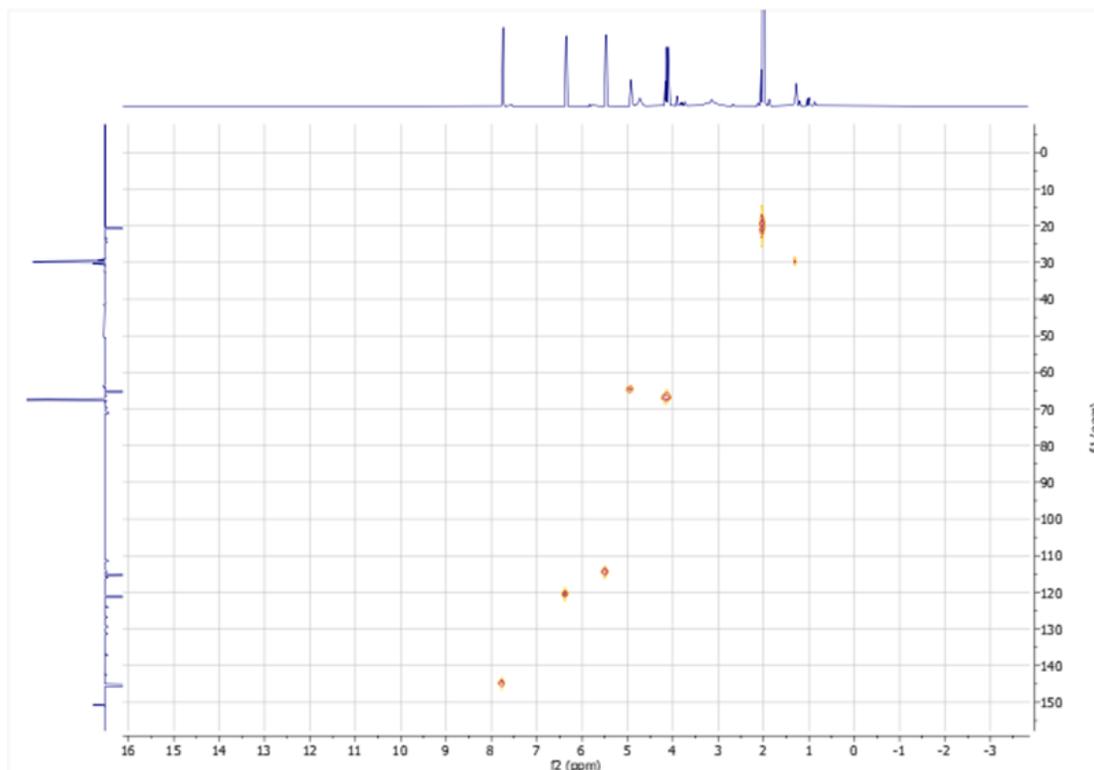


Figure S6C: The HSQC spectrum of **6** in acetone- d_6 .

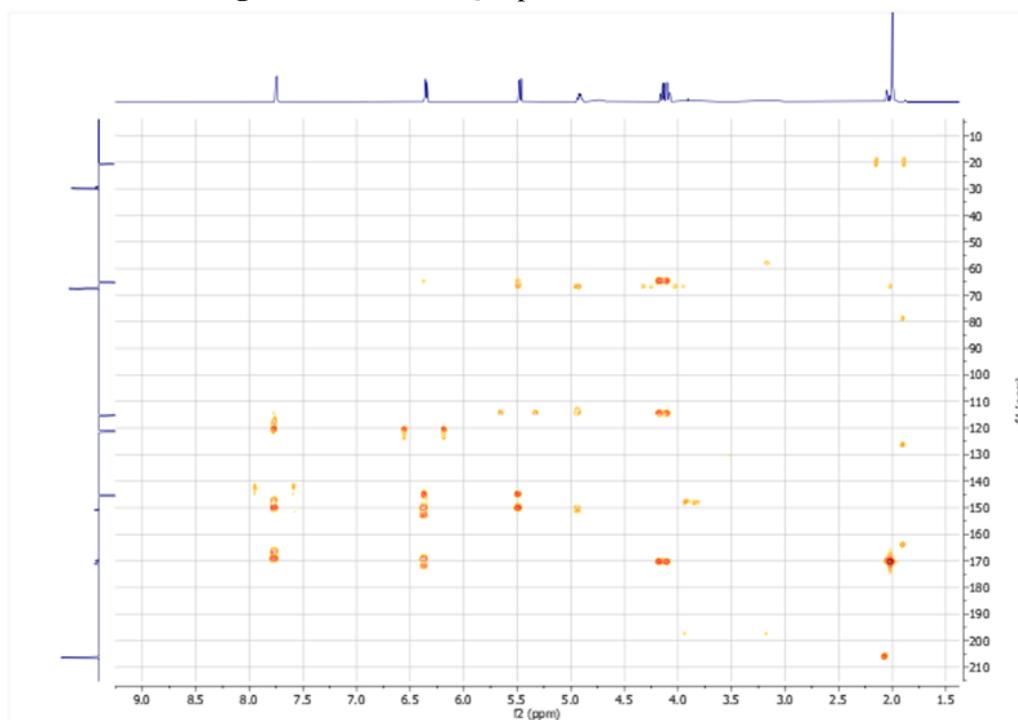


Figure S6D: The HMBC spectrum of **6** in acetone- d_6 .