

Supplementary material

***In vitro* evaluation of α -amylase and α -glucosidase inhibition of 2,3-Epoxyprocyanidin C1 and other constituents from *Pterocarpus erinaceus* Poir**

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<u>HEJ-MASS LAB -ICCBS</u>		<u>JEOL HX 110 MASS SPECTROMETER (FAB-HR)</u>		
STUDENT NAME	M. LARISSA	SAMPLE CODE	DATE	3/8/2022
SUPERVISOR NAME	DR ATIA	FT 11	FAB (+VE / -VE)	+VE

Measured Mass	Theoretical Mass	Delta [mmu]	Delta [ppm]	RDB	Composition
865.1949	865.1921	3.2	2.8	36.5	C52 H33 O13
	865.198	-3.6	-3.1	27.5	C45 H37 O18
	865.1769	20.9	18	32.5	C48 H33 O16
	865.2132	-21.2	-18.3	31.5	C49 H37 O15
	865.2191	-28	-24.2	22.5	C42 H41 O20

Figure S1. HR-FAB (+) spectral window of compound 1

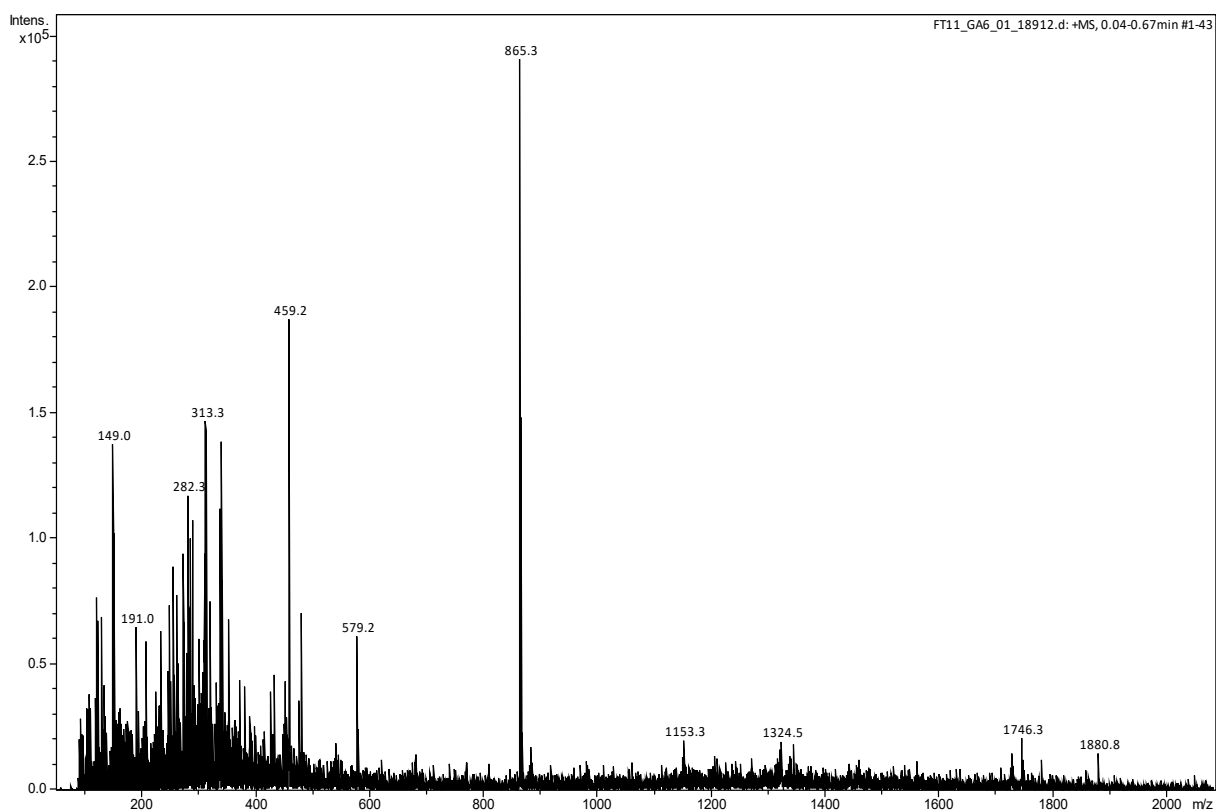


Figure S2. ESI-MS (+) spectra of compound 1

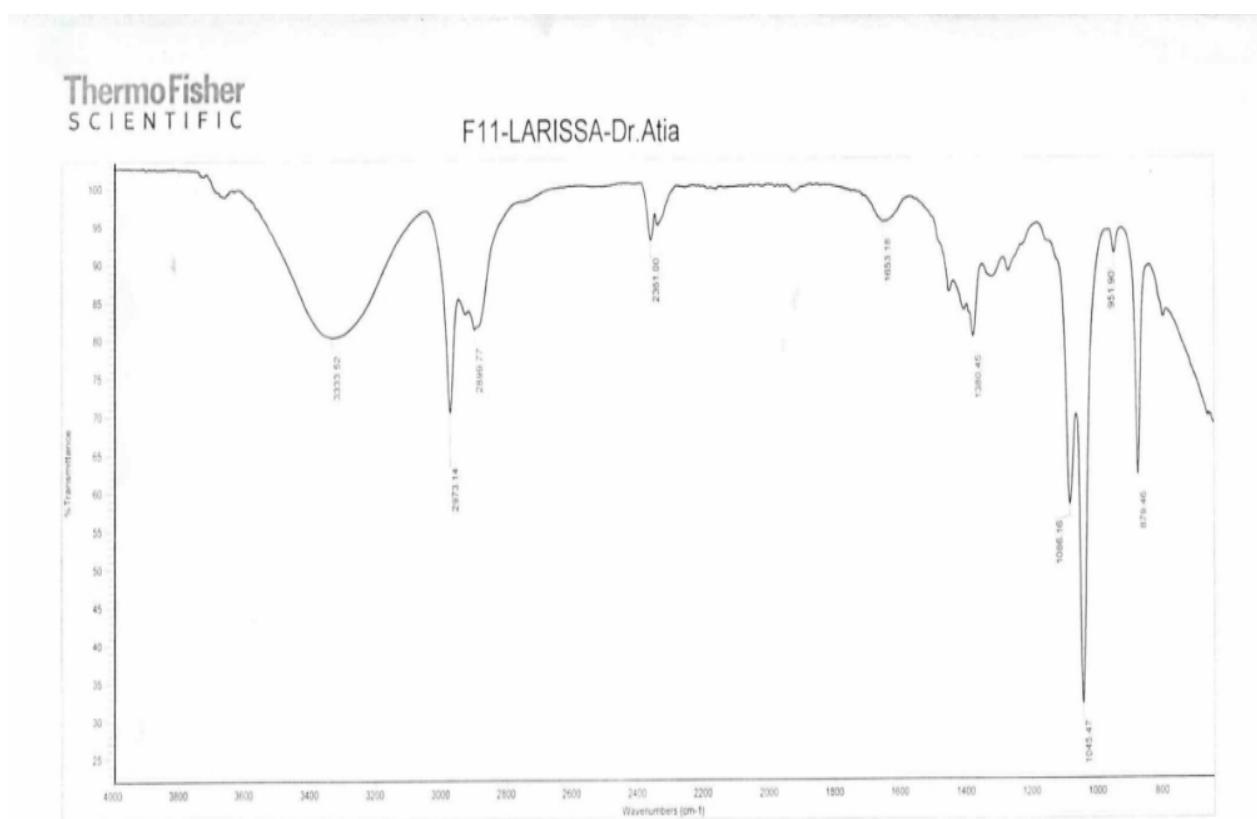
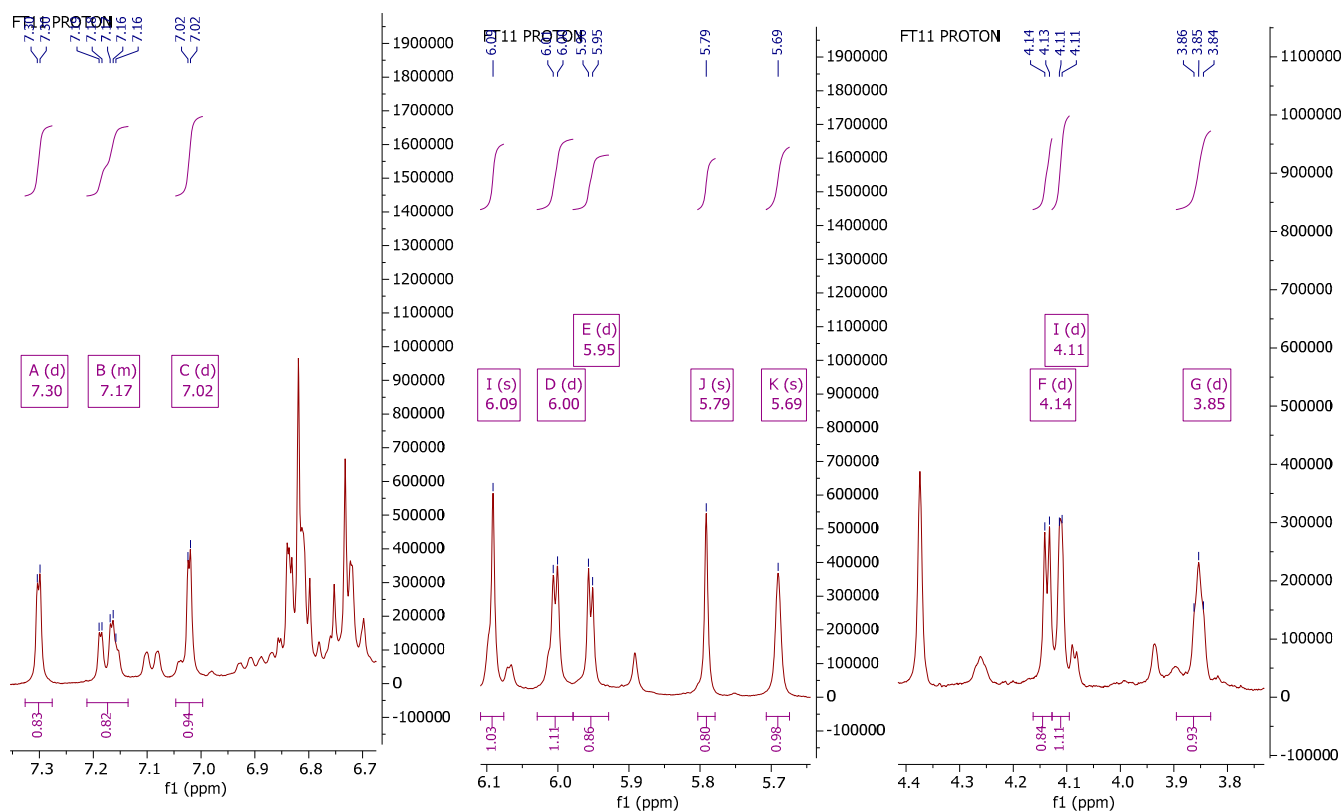
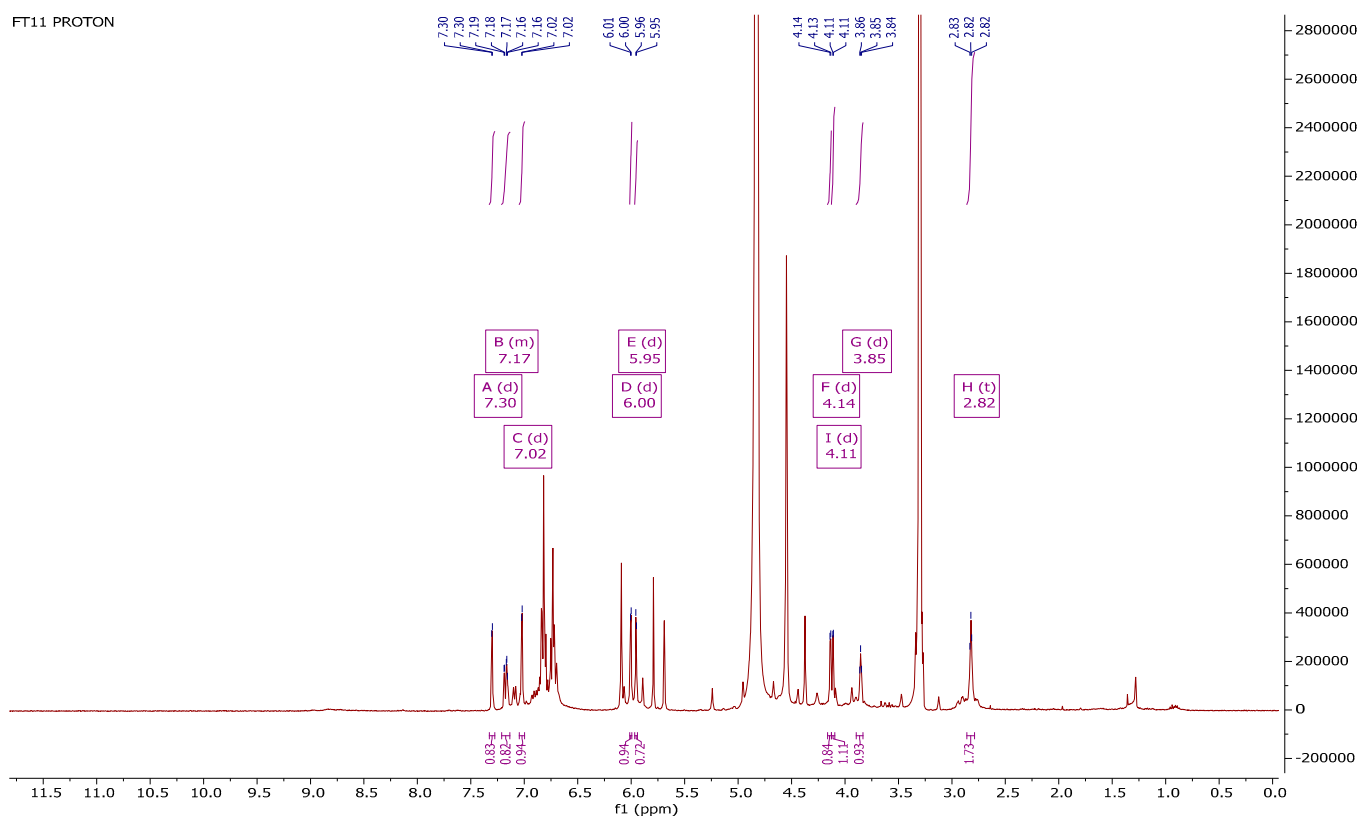
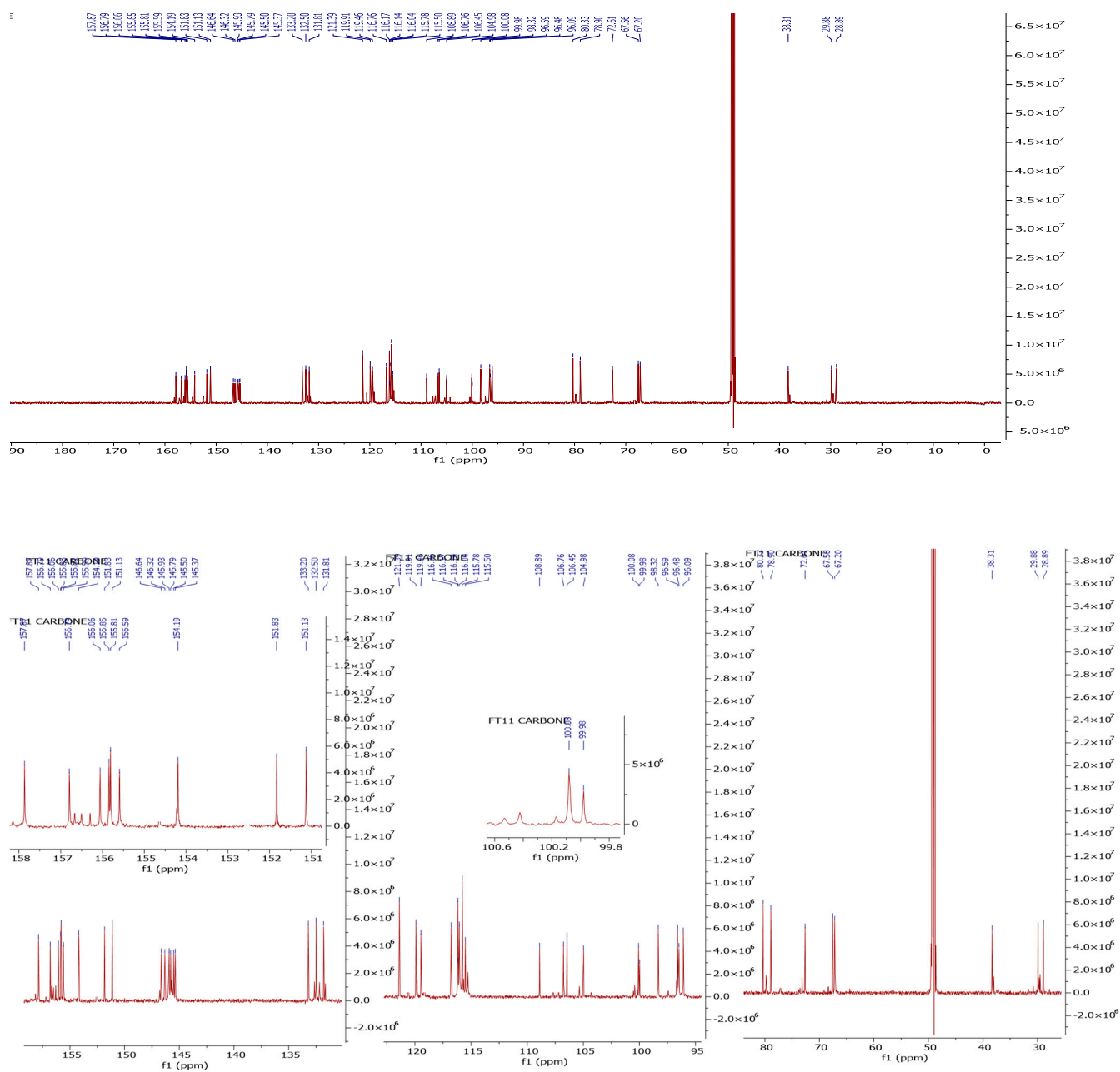


Figure S3. IR spectrum of compound 1

Figure S4. ^1H -NMR spectrum (MeOD, 600 MHz) of compound 1

Figure S5. ^{13}C -NMR spectrum (MeOD, 150 MHz) of compound 1

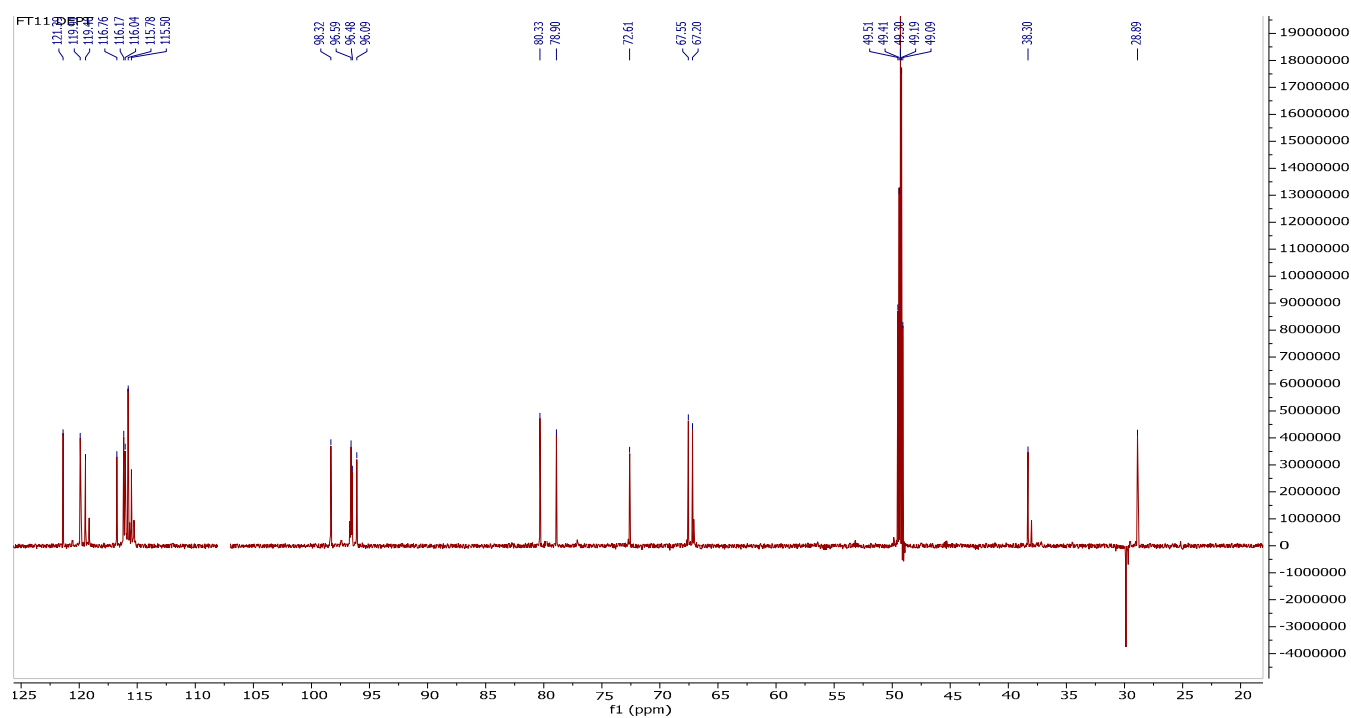


Figure S6. ^{13}C -NMR and DEPT-135 spectra (150 MHz, MeOD) of compound 1

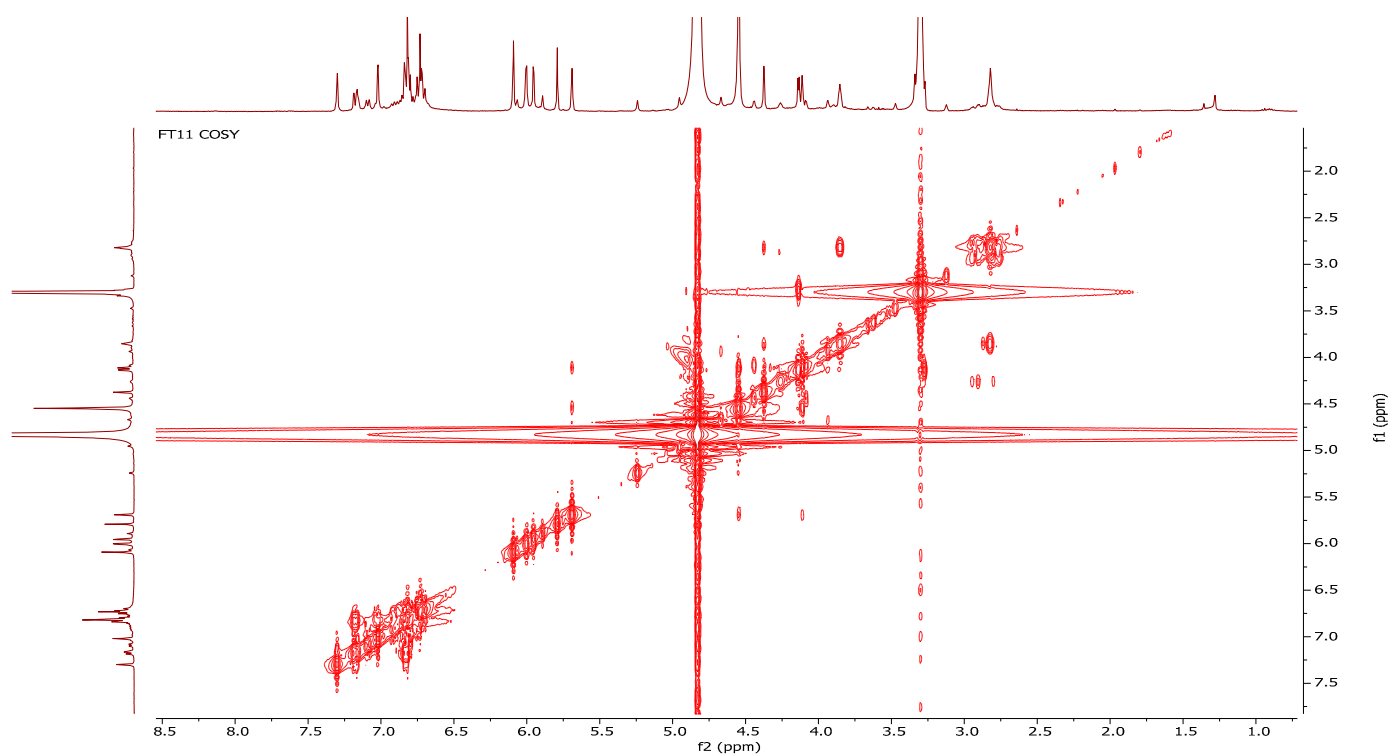


Figure S7. COSY ^1H - ^1H spectrum of compound 1

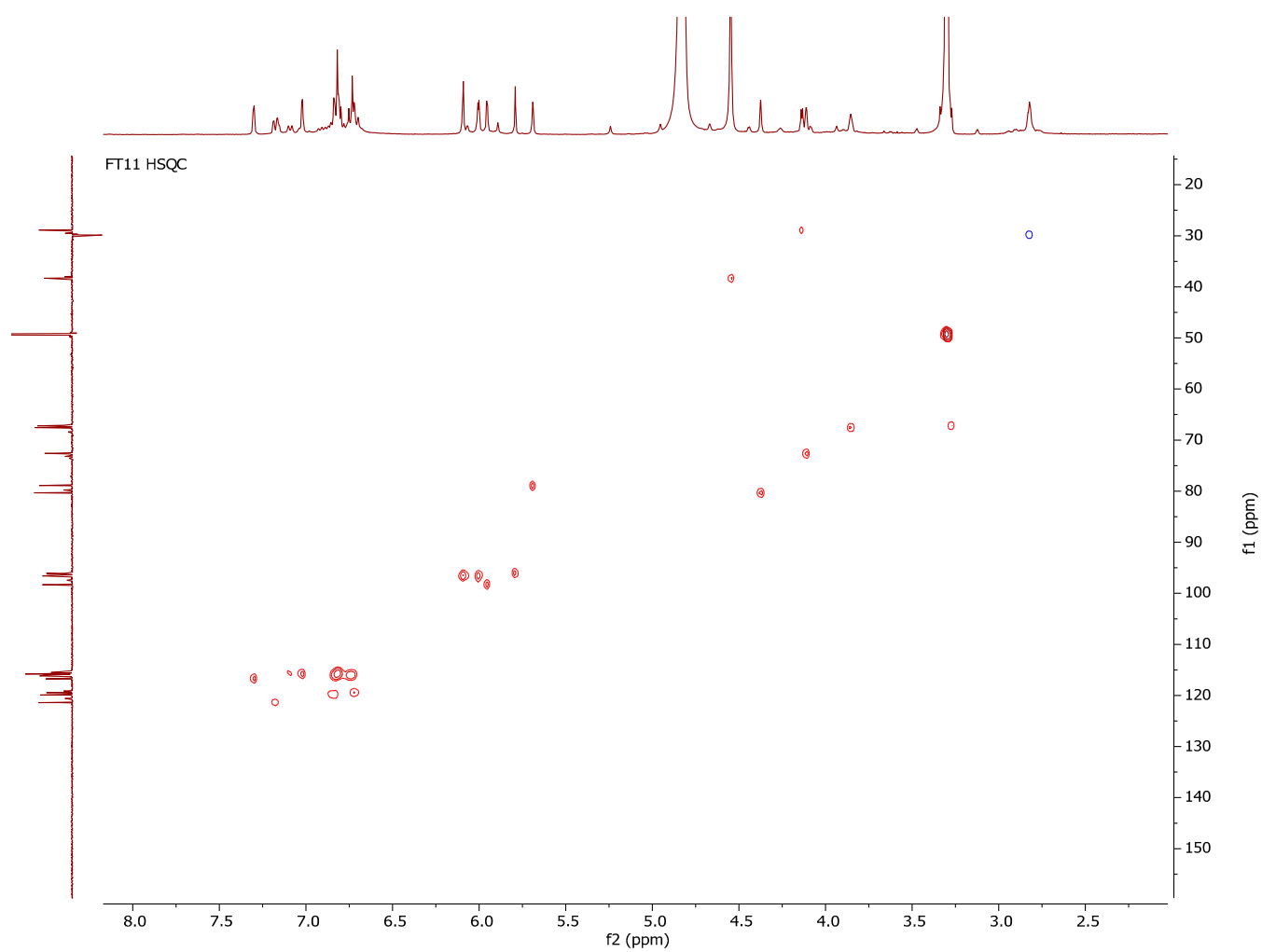
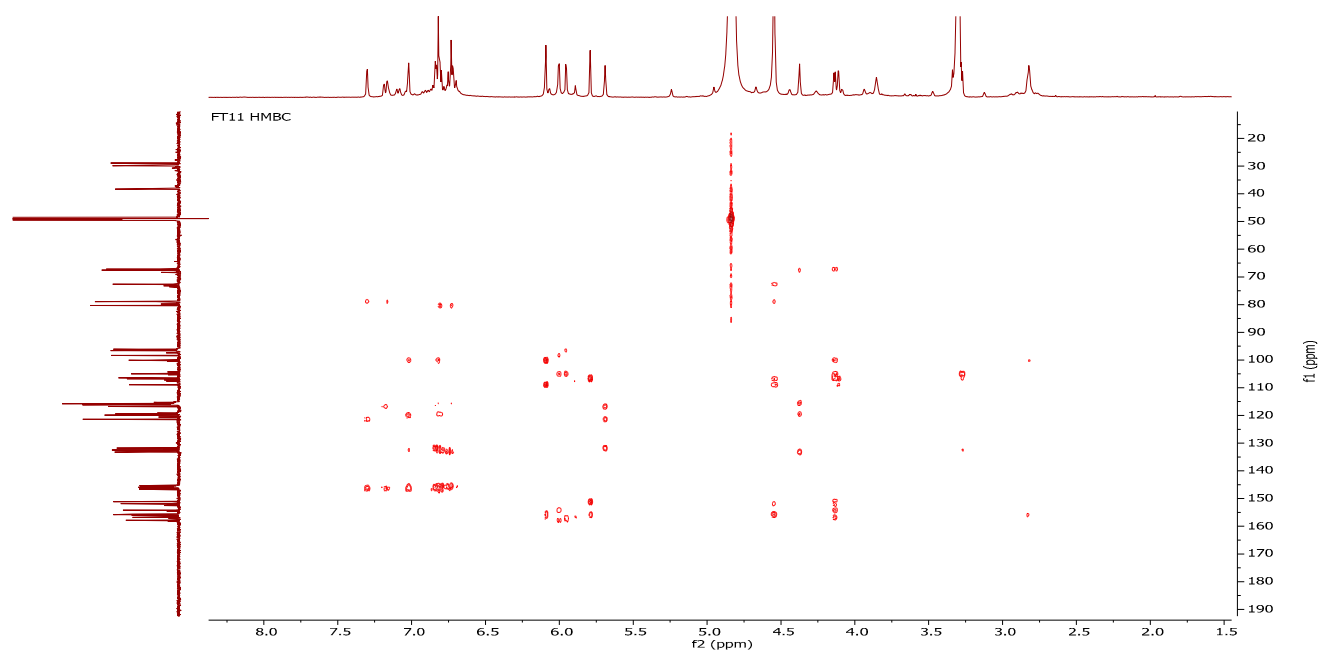


Figure S8. HSQC spectrum of compound 1



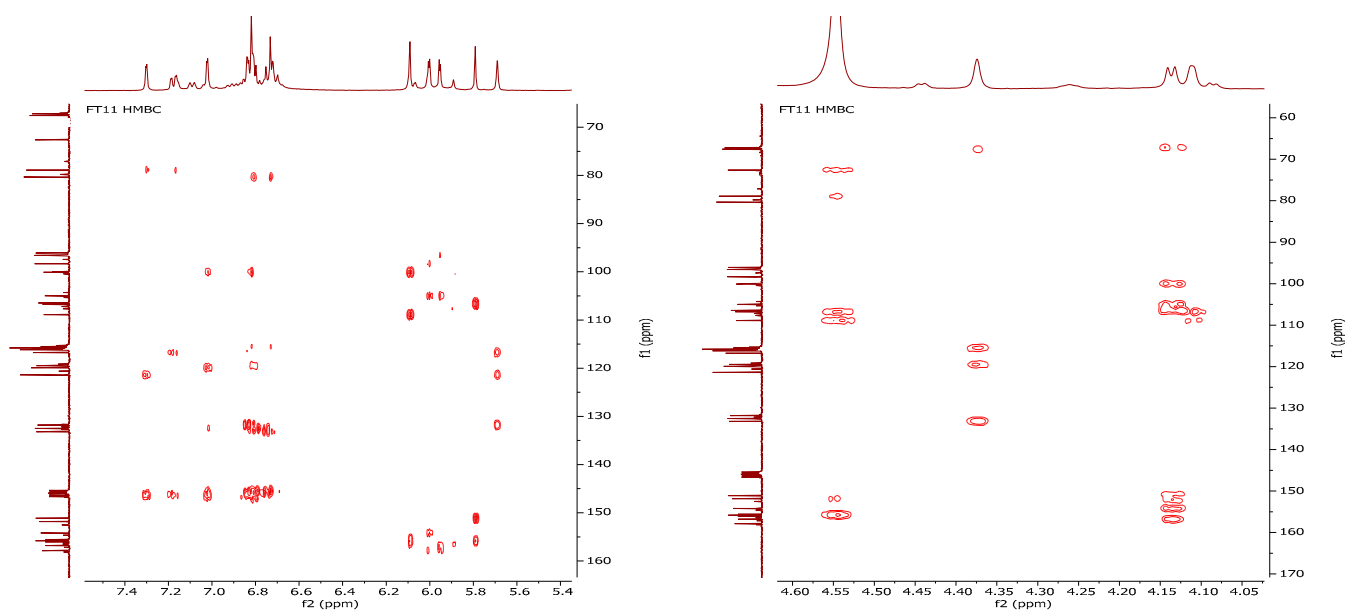


Figure S9. HMBC spectrum of compound 1