

Supplementary Information

Figure S1. ^1H NMR spectrum (400 MHz) of compound **1** in CDCl_3 .

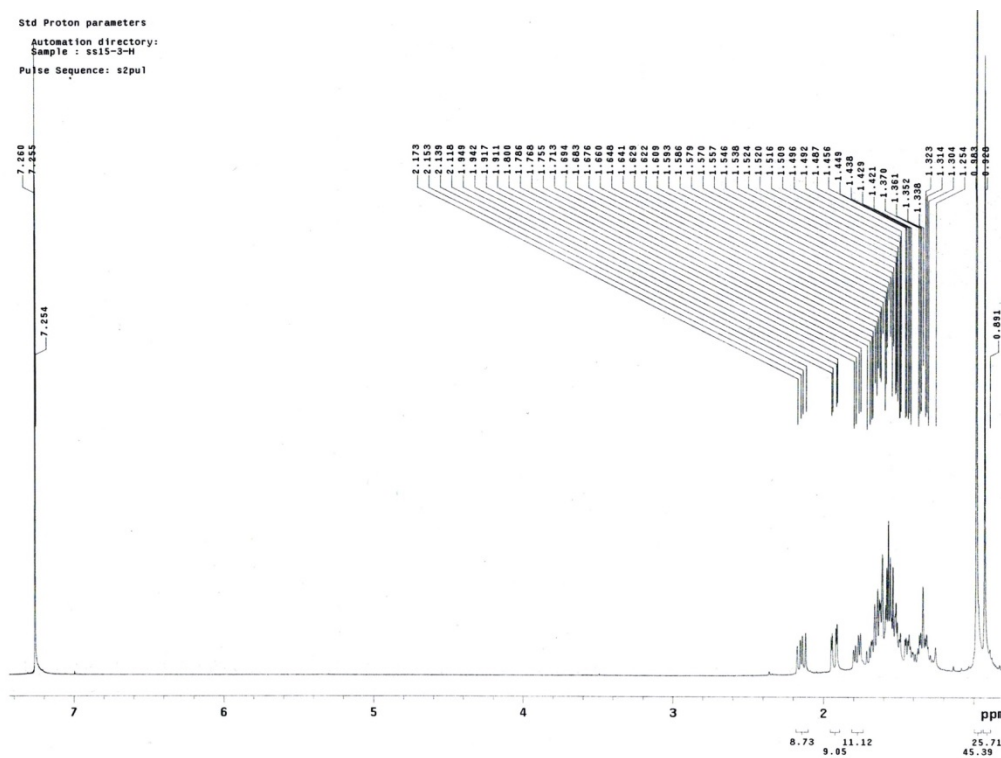


Figure S2. ^{13}C NMR spectrum (100 MHz) of compound **1** in CDCl_3 .

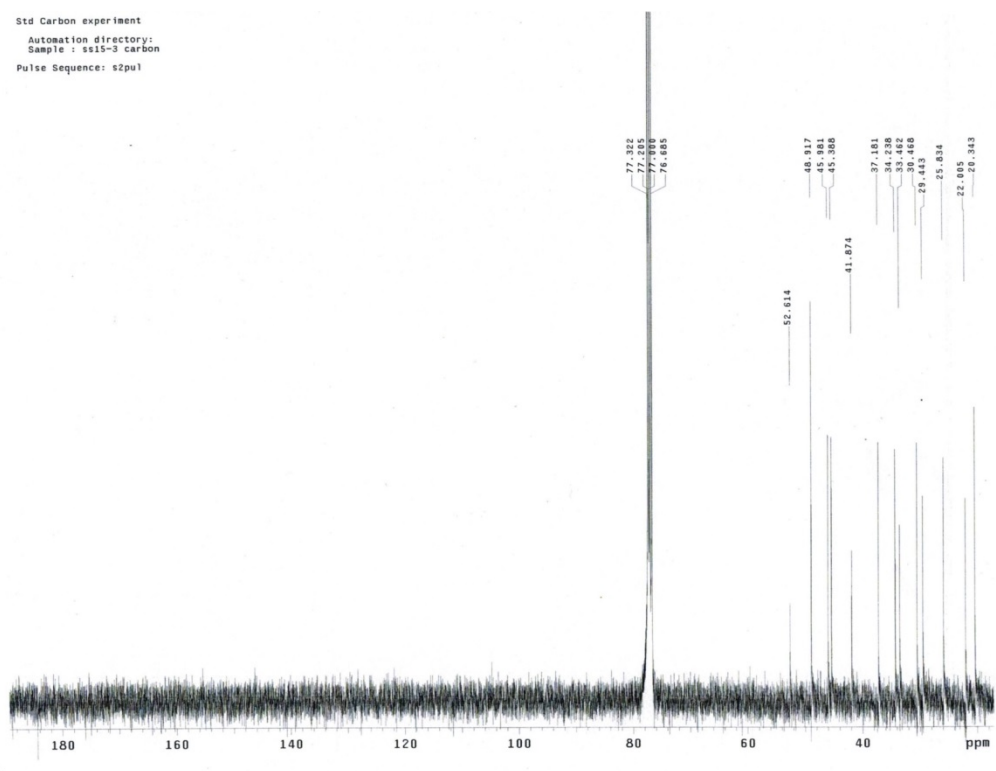


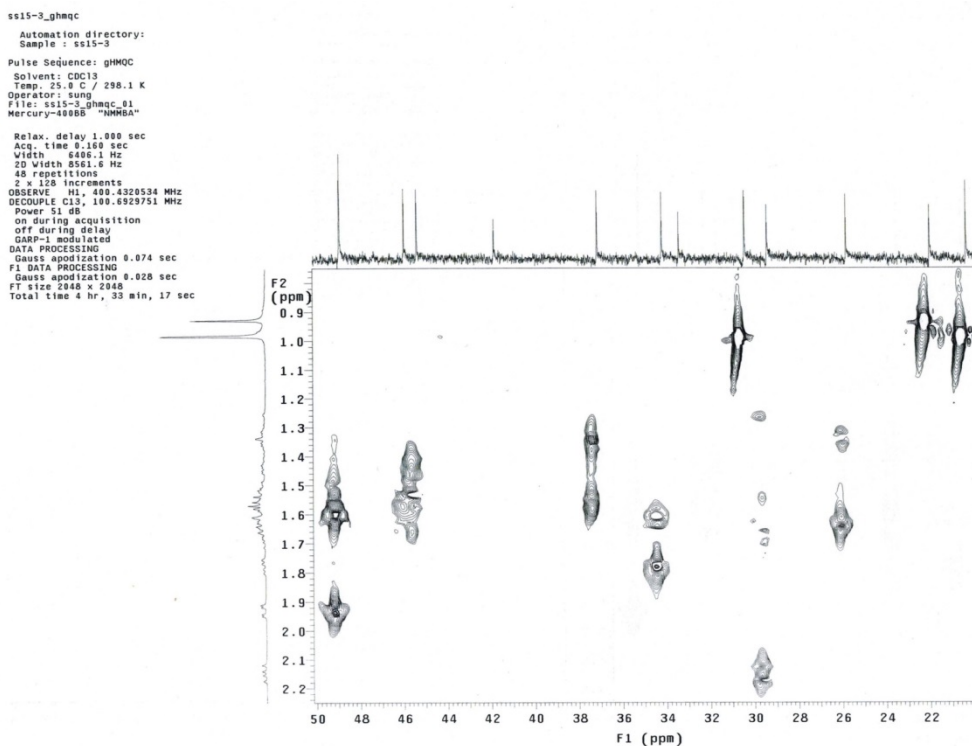
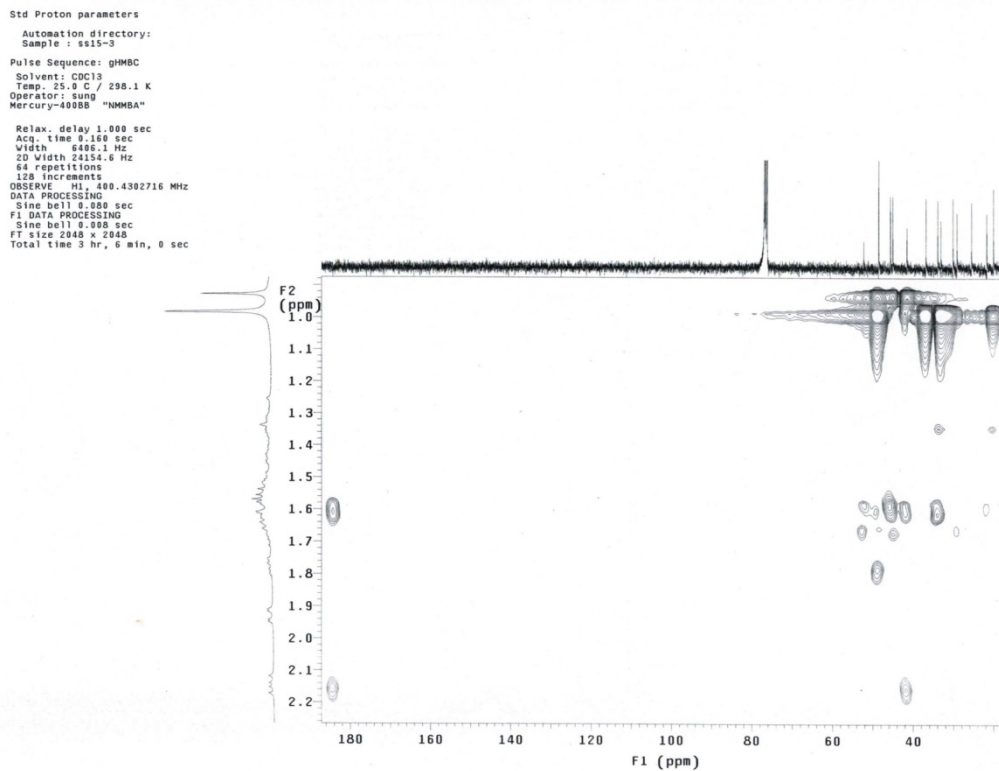
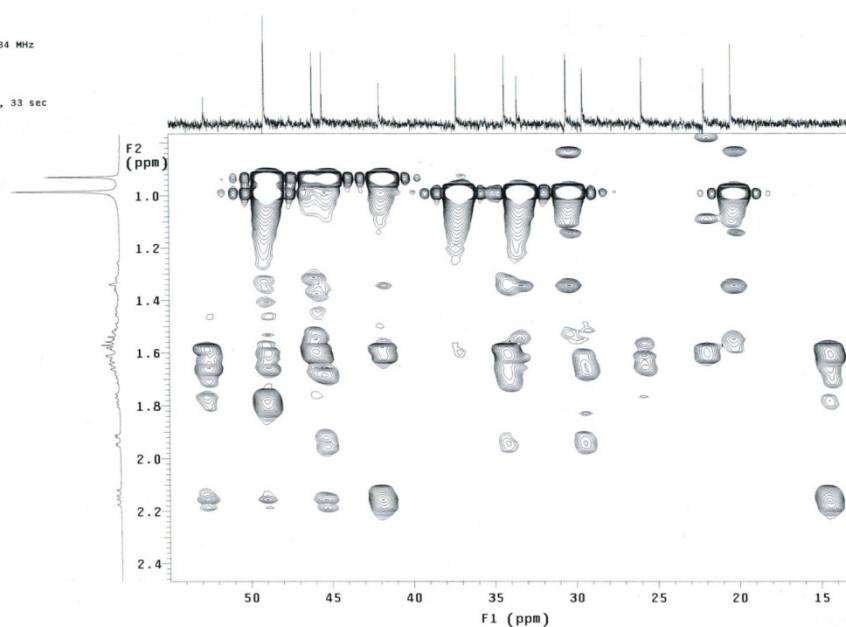
Figure S3. HMQC spectrum (400 MHz) of compound **1** in CDCl₃.**Figure S4.** HMBC spectrum (400 MHz) of compound **1** in CDCl₃.

Figure S5. HMBC spectrum (400 MHz) of compound **1** in CDCl₃.

Std Proton parameters
Automation directory:
Sample : ss15-3
Pulse Sequence: gHMBC
Solvent: CDCl3
Temp: 25.0 C / 298.1 K
Operator: sung
Mercury-400BB "NMMA"
Relax. delay 1.000 sec
Acq. time 0.160 sec
Width 6406.1 Hz
2D Width 8561.6 Hz
95 repetitions
128 increments
OBSERVE H1, 400.4320534 MHz
DATA PROCESSING
Sine bell 0.080 sec
F1 DATA PROCESSING
Sine bell 0.007 sec
FT size 2048 x 2048
Total time 4 hr, 39 min, 33 sec

**Figure S6.** COSY spectrum (400 MHz) of compound **1** in CDCl₃.

Std Proton parameters
Automation directory:
Sample : ss15-3
Pulse Sequence: gCOSY
Solvent: CDCl3
Temp: 25.0 C / 298.1 K
Operator: sung
Mercury-400BB "NMMA"
Relax. delay 1.000 sec
Acq. time 0.160 sec
Width 6406.1 Hz
2D Width 6406.1 Hz
32 repetitions
128 increments
OBSERVE H1, 400.4320534 MHz
DATA PROCESSING
Sq. sine bell 0.080 sec
F1 DATA PROCESSING
Sq. sine bell 0.020 sec
FT size 2048 x 2048
Total time 1 hr, 28 min, 48 sec

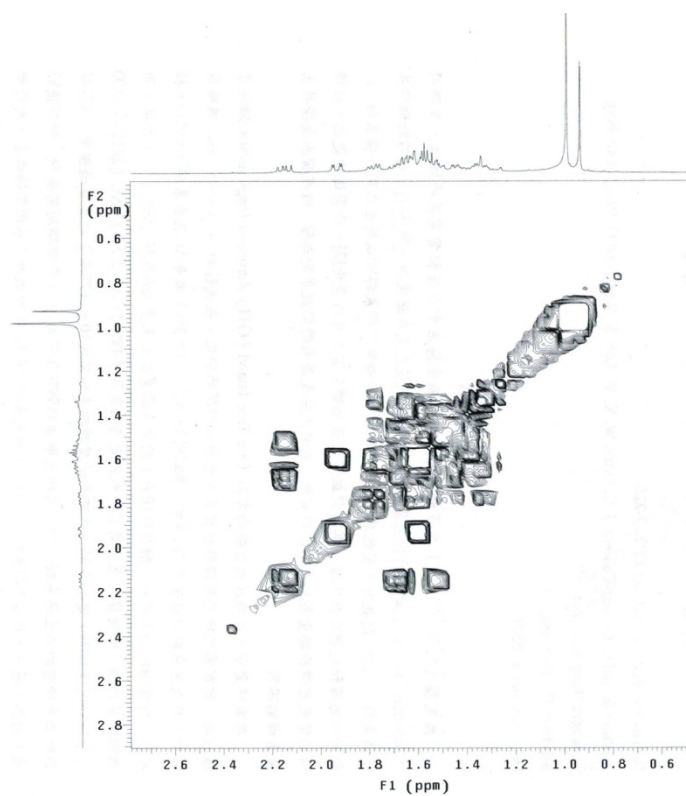
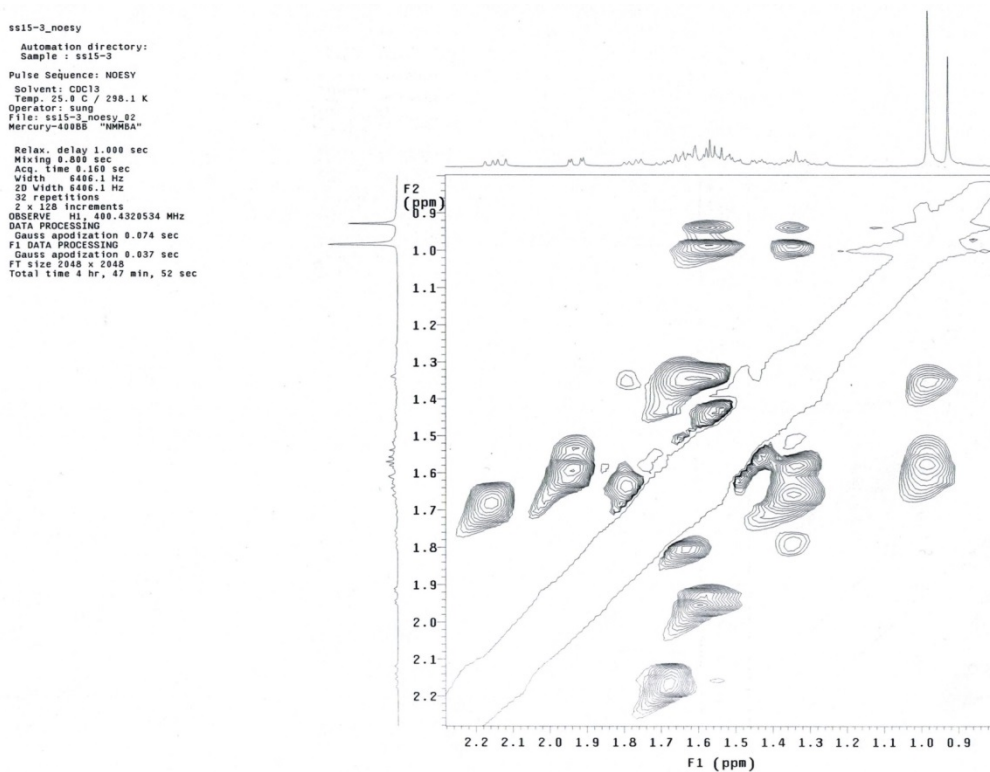


Figure S7. NOESY spectrum (400 MHz) of compound **1** in CDCl₃.

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