

Supplementary Information

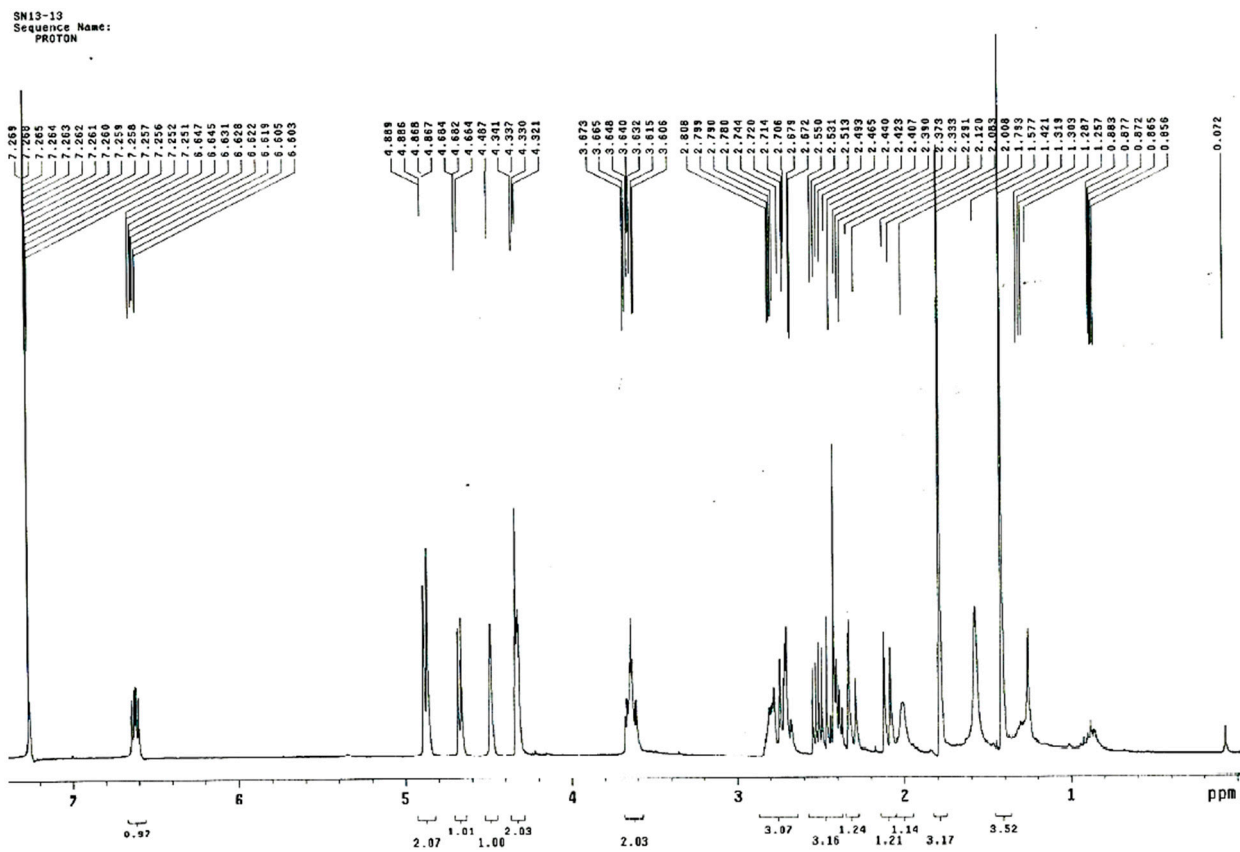


Figure S1. ^1H NMR spectrum (400 MHz) of compound **2** in CDCl_3 .

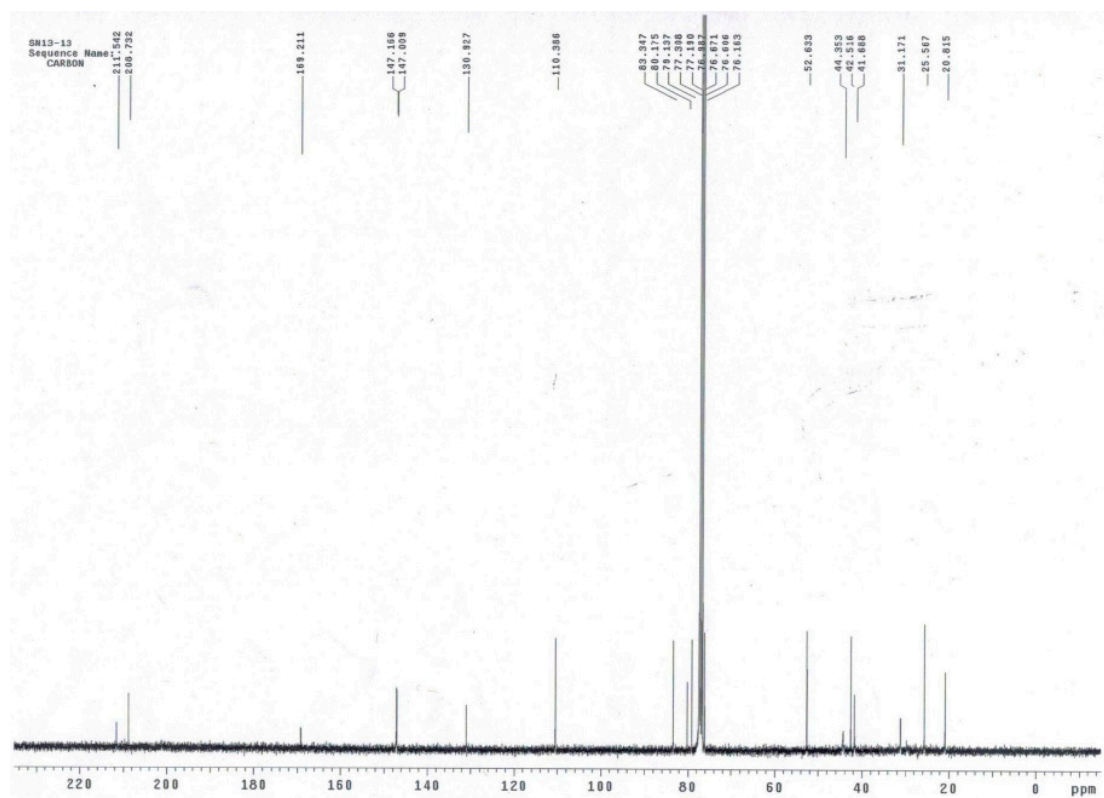


Figure S2. ^{13}C NMR spectrum (100 MHz) of compound **2** in CDCl_3 .

SN13-13
Sequence Name:
gHSQC
Temp. 25.0 C / 298.1 K
Operator: chen-ting
Relax. delay 1.000 sec
Acq. time 0.150 sec
Width 6406.1 Hz
2D Width 17116.0 Hz
64 repetitions
2 x 128 increments
OBSERVE H1, 400.4177120 MHz
DECOUPLE C13, 100.6326652 MHz
Power 51 dB
on during acquisition
off during delay
GARP-1 modulated
DATA PROCESSING
Gauss apodization 0.069 sec
F1 DATA PROCESSING
Gauss apodization 0.007 sec
FT size 2048 x 2048
Total time 5 hr, 59 min

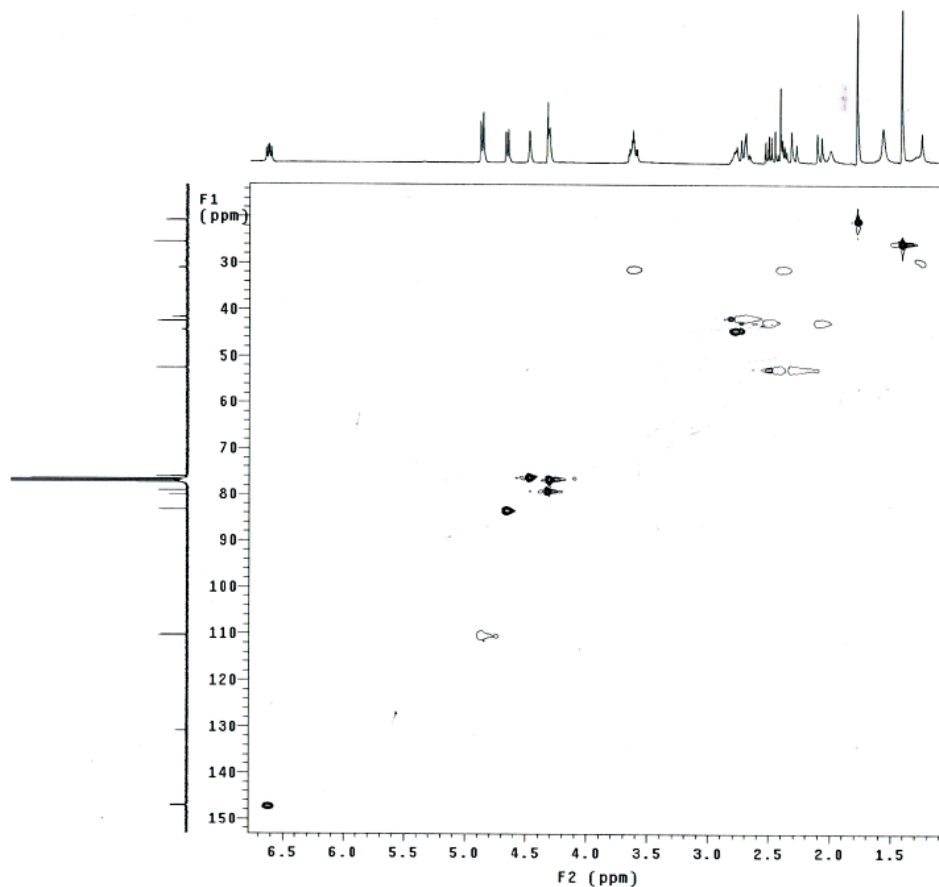


Figure S3. gHSQC spectrum (400 MHz) of compound **2** in CDCl₃.

SN13-13
Sequence Name:
gHMBC
Temp. 25.0 C / 298.1 K
Operator: chen-ting
Relax. delay 1.000 sec
Acq. time 0.128 sec
Width 6406.1 Hz
2D Width 24161.9 Hz
64 repetitions
400 increments
OBSERVE H1, 400.4177120 MHz
DATA PROCESSING
Sq. sine bell 0.064 sec
F1 DATA PROCESSING
Sq. sine bell 0.017 sec
FT size 2048 x 4096
Total time 9 hr, 1 min

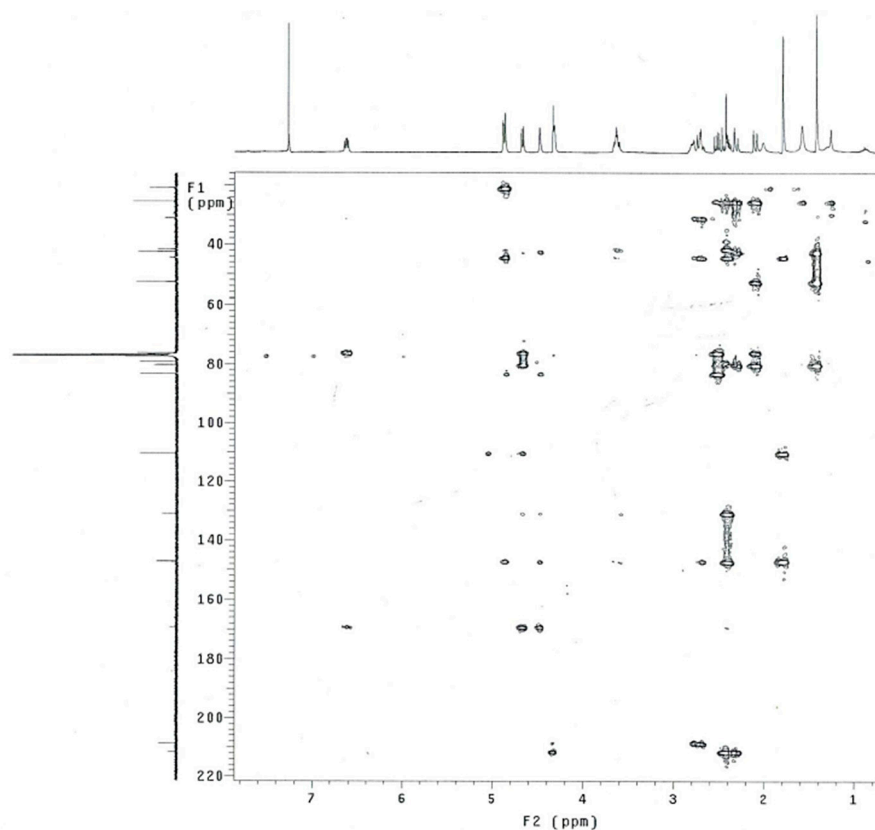


Figure S4. gHMBC spectrum (400 MHz) of compound **2** in CDCl₃.

SN13-13
Sequence Name:
gCOSY
Temp. 25.0 C / 298.1 K
Operator: chen-ting
Relax. delay 1.000 sec
Acq. time 0.150 sec
Width 3852.6 Hz
2D Width 3852.6 Hz
64 Repetitions
128 Increments
OBSERVE H1, 400.4177120 MHz
DATA PROCESSING
Sq. sine bell 0.075 sec
F1 DATA PROCESSING
Sq. sine bell 0.033 sec
F1 size 2048 x 2048
Total time 2 hr, 59 min

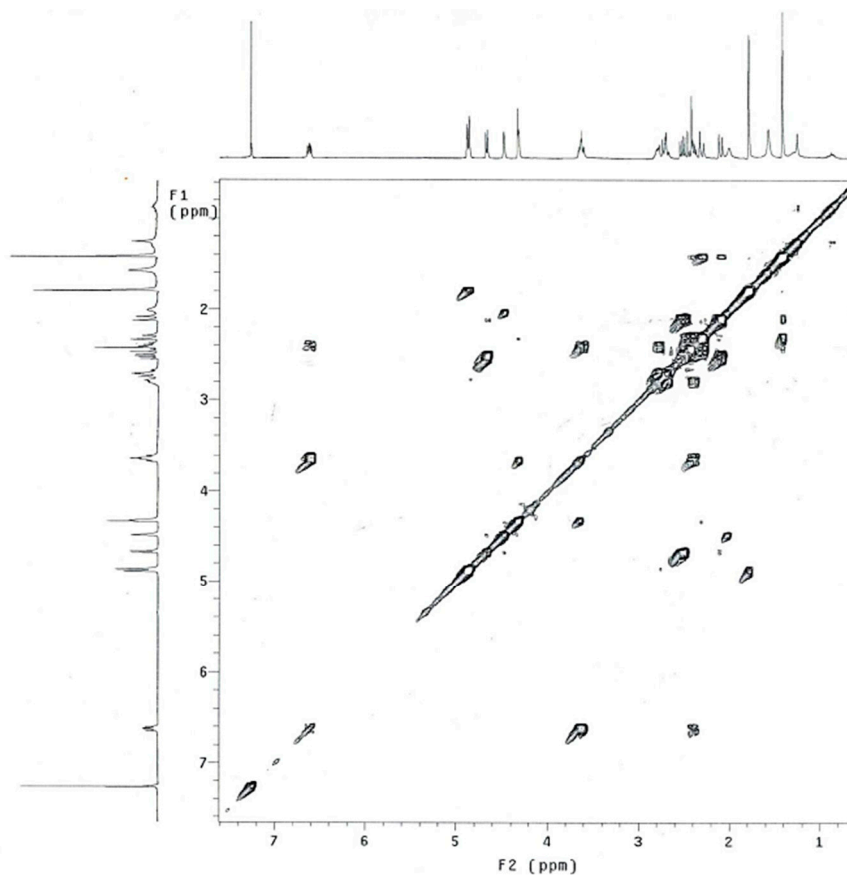


Figure S5. COSY spectrum (400 MHz) of compound **2** in CDCl₃.

SN13-13
Sequence Name:
NOESY
Temp. 25.0 C / 298.1 K
Operator: chen-ting
Relax. delay 1.000 sec
Acq. time 0.150 sec
Width 3852.6 Hz
2D Width 3852.6 Hz
64 Repetitions
2 x 250 Increments
OBSERVE H1, 400.4177120 MHz
DATA PROCESSING
Gauss apodization 0.069 sec
F1 DATA PROCESSING
Gauss apodization 0.047 sec
F1 size 2048 x 2048
Total time 14 hr, 54 min

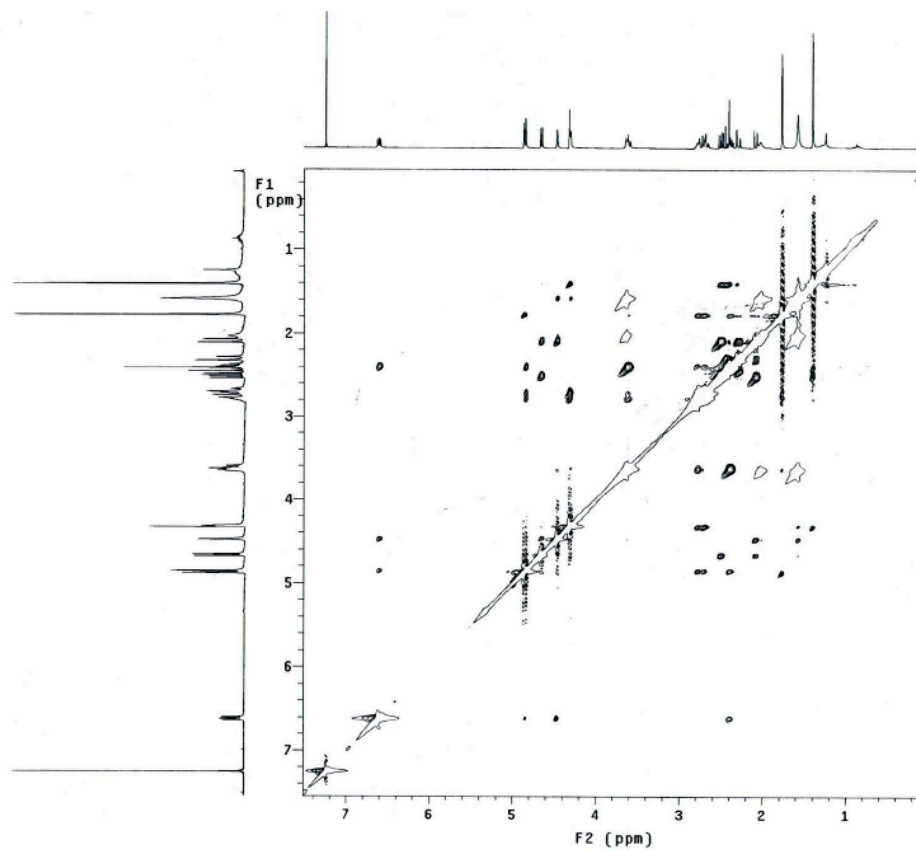


Figure S6. NOESY spectrum (400 MHz) of compound **1** in CDCl₃.

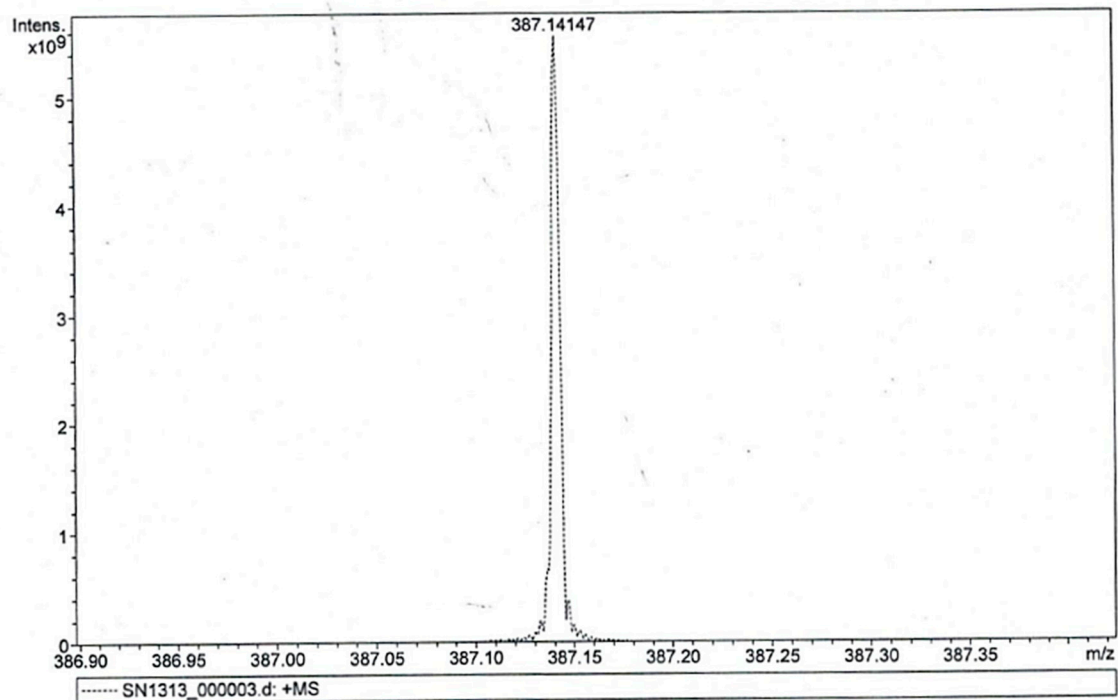
Mass Spectrum SmartFormula Report

Analysis Info

Analysis Name D:\Data\2\SN1313_000003.d
Method broadband first signal
Sample Name SN13-13
Comment ESI Positive

10/23/2014 3:41:51 PM

Instrument: FT-MS solariX



Meas. m/z	#	Formula	Score	m/z	err [mDa]	err [ppm]	mSigma	rdb	e ⁻ Conf	N-Rule
387.14147	1	C ₁₉ H ₂₄ NaO ₇	100.00	387.14142	-0.05	-0.12	11.2	7.5	even	ok

Figure S7. HRMS of compound 2.