

Table S1. ¹H NMR Spectroscopic Data (400 MHz, CDCl₃) for Compound 1.

Compound 1				2-methoxy-4-propyl phenol (Monguchi et al., 2011)	
Position	δ[*]_C	δ_H	HMBC	δ_H	δ_C
1	132.32	---	---	---	134.5
2	111.05	6.53, br s	121.32 (C-6), 143.90 (C-4)	6.63, 1H br s	111.0
3	146.40	---	---	---	---
4	143.90	---	---	---	---
5	114.09	6.82, 1H d (<i>J</i> = 8.0 Hz)	132.32 (C-1), 146.40 (C-3)	6.81, 1H d (<i>J</i> = 8.2 Hz)	114.1
6	121.32	6.60, 1H d (<i>J</i> = 8.0 Hz)	143.90 (C-4)	6.63-6.65 2H m	120.9
7	46.47	2.57, 2H br t (<i>J</i> = 6.8, Hz)	---	2.50, 2H t (<i>J</i> = 7.7 Hz)	---
8	39.23	2.55, 1H m	46.47 (C-7)	1.59, 2H dd (<i>J</i> = 7.2, 7.7 Hz)	37.6
9	73.30	3.93, 2H m		---	---
OCH ₃ -3	55.79	3.85, 3H s		3.81, 3H s	55.7
CH ₃ -8	14.14	0.86, 3H m	39.23 (C-8)	0.92, 3H t (<i>J</i> = 7.2 Hz)	13.7

Table S2. ¹H NMR Spectroscopic Data (400 MHz, CDCl₃) for Compound 2.

Position	Compound 2			3-methyl-1 <i>H</i> -indole (Abraham and Reid, 2002)
	δ [*] _C	δ _H	HSQC	δ _H
2	121.96	7.04, 1H d (<i>J</i> = 2.0 Hz)	121.96	6.96
3	100.61	---	---	---
4	118.73	7.66, 1H d (<i>J</i> = 7.8 Hz)	118.73	7.58
5	119.56	7.13, 1H dd (<i>J</i> = 7.8, 7.2 Hz)	119.56	7.12
6	121.96	7.20, 1H dd (<i>J</i> = 7.8, 7.2 Hz)	121.96	7.19
7	110.20	7.36, 1H d (<i>J</i> = 8.0 Hz)	110.20	7.30
8	139.50	---	---	---
9	136.30	---	---	---
NH	-	7.99, 1Hd (<i>J</i> = 2.0 Hz)	---	---
CH ₃ - 3	13.06	2.36, 3H s	13.06	2.34

Table S3. ¹H NMR Spectroscopic Data (400 MHz, CDCl₃) for Compound 3.

Position	Compound 3 3	Tri- <i>trans</i> poly- <i>cis</i> prenol- 12 (Ibata et al., 1983)
	δ _H	δ _H
H-1	4.09, 2H d (<i>J</i> = 7.2 Hz)	4.09
H-2	5.44, 1H t (<i>J</i> = 7.2Hz)	5.44
H-3	1.74, 3H s	1.74
H-4,5,8,9,12,13, 16,17,20,21,24,25, 28,29, 32,33,36,37,40,41,44,45	2.03, 44H m	2.03, m*
H-6,10,14,18,22,26,30,34,38,42,46	5.12, 11H br s	5.12, br s
CH ₃ -trans 35,39,43 and ω- CH ₃ - trans	1.60, 12H s	1.60
CH ₃ -cis 7,11,15,19,23,27,31 and ω- CH ₃ -cis	1.68, 24H s	1.68

Table S4. ¹H NMR Spectroscopic Data (400 MHz, CDCl₃) for Compound 4.

Position	Compound 4	Stigmasterol (Pateh et al., 2009)
	δ_{H}	δ_{H}
H-3	3.52, 1H m	3.52, 1H m
H-6	5.35, 1H d ($J = 4.2$ Hz)	5.36, 1H bs
H-18	0.70, 3H s	0.70, 3H s
H-19	1.01, 3H s	1.01, 3H s
H-21	1.02, 3H d ($J = 7.6$ Hz)	1.02, 3H d ($J = 7.5$ Hz)
H-22	5.15, 1H dd ($J = 15.1, 8.6$ Hz)	5.14, 1H m
H-23	5.01, 1H dd ($J = 15.1, 8.6$ Hz)	4.98, 1H m
H-26	0.80, 3H d ($J = 6.8$ Hz)	0.80, 3H d ($J = 6.5$ Hz)
H-27	0.85, 3H d ($J = 6.1$ Hz)	0.85, 3H d ($J = 6.5$ Hz)
H-29	0.80, 3H t ($J = 7.0$ Hz)	0.80, 3H t ($J = 7.5$ Hz)

Table S5. ^1H NMR Spectroscopic Data (400 MHz, CDCl_3) for Compound 5.

Position	Compound 5	β -sitosterol (Pateh et al., 2009)
	δ_{H}	δ_{H}
H-3	3.55, 1H m	3.53, 1H m
H-6	5.37, 1H d ($J = 4.8$ Hz)	5.37, 1H bs
H-18	0.71, 3H s	0.68, 3H s
H-19	1.07, 3H s	1.01, 3H s
H-21	0.94, 3H d ($J = 7.6$ Hz)	0.92, 3H d ($J = 7.5$ Hz)
H-26	0.82, 3H d ($J = 6.5$ Hz)	0.81, 3H d ($J = 6.5$ Hz)
H-27	0.84, 3H d ($J = 6.5$ Hz)	0.83, 3H d ($J = 6.5$ Hz)
H-29	0.86, 3H t ($J = 7.6$ Hz)	0.85, 3H t ($J = 7.5$ Hz)

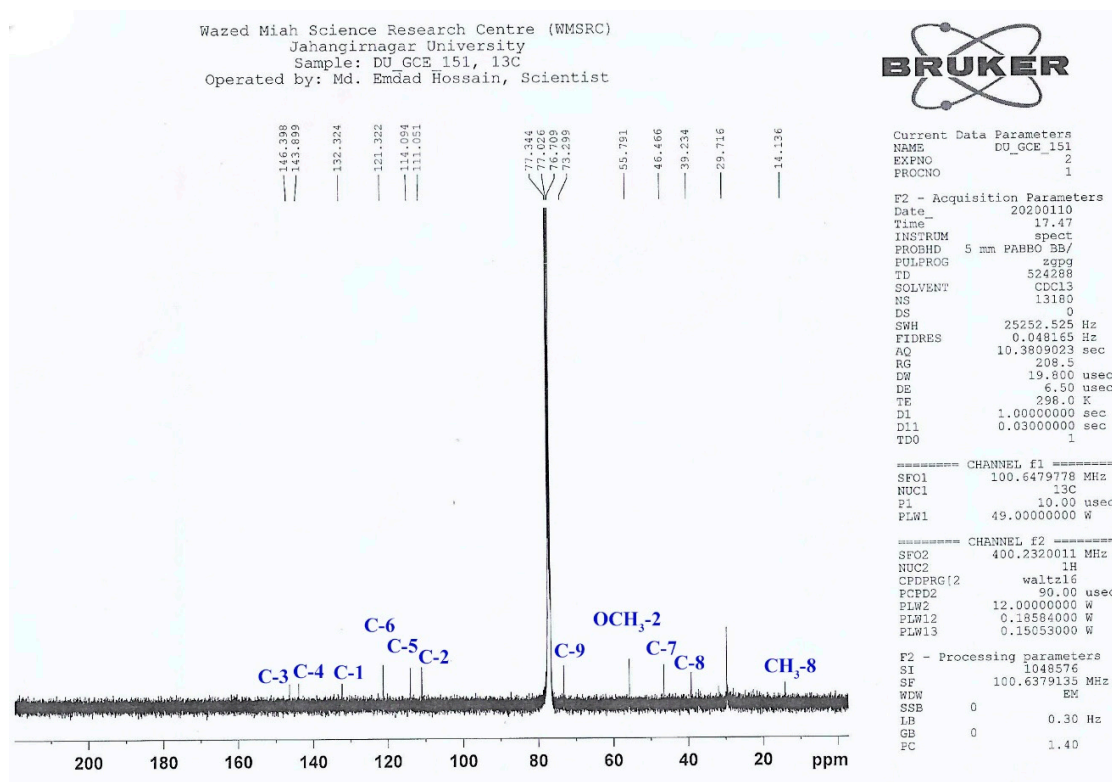


Figure S2. ^{13}C NMR spectrum (400 MHz, CDCl_3) of Compound 1.

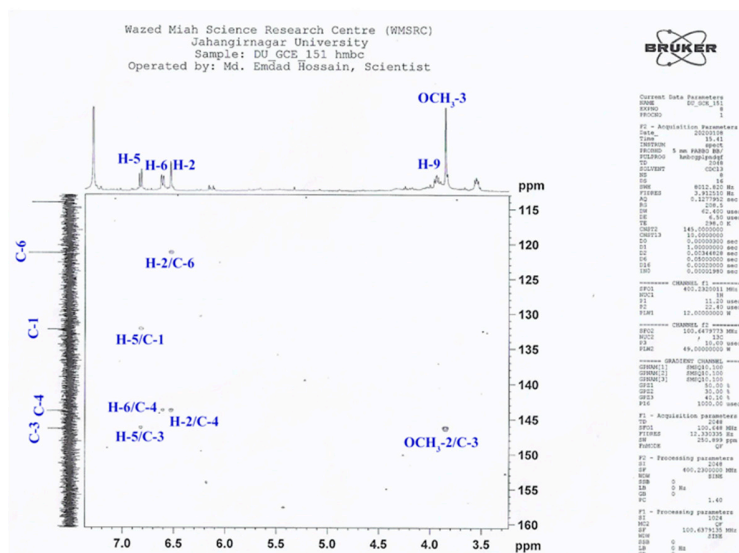
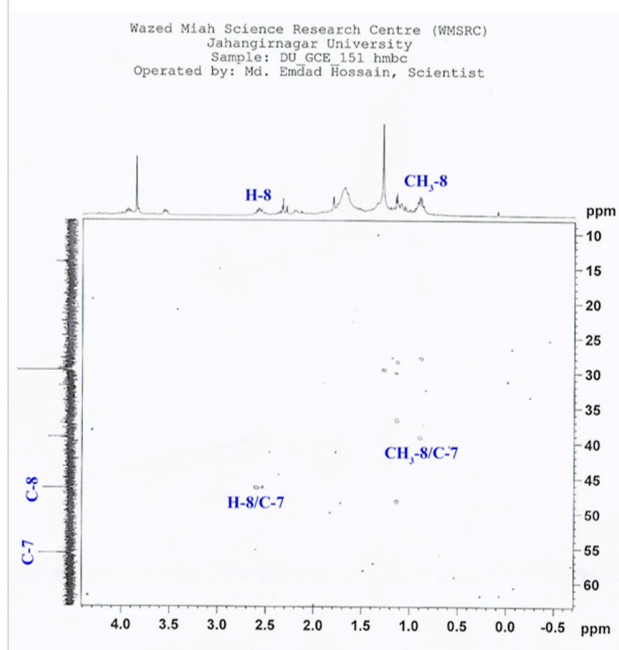


Figure S3. HMBC spectrum (400 MHz, CDCl_3) of Compound 1.

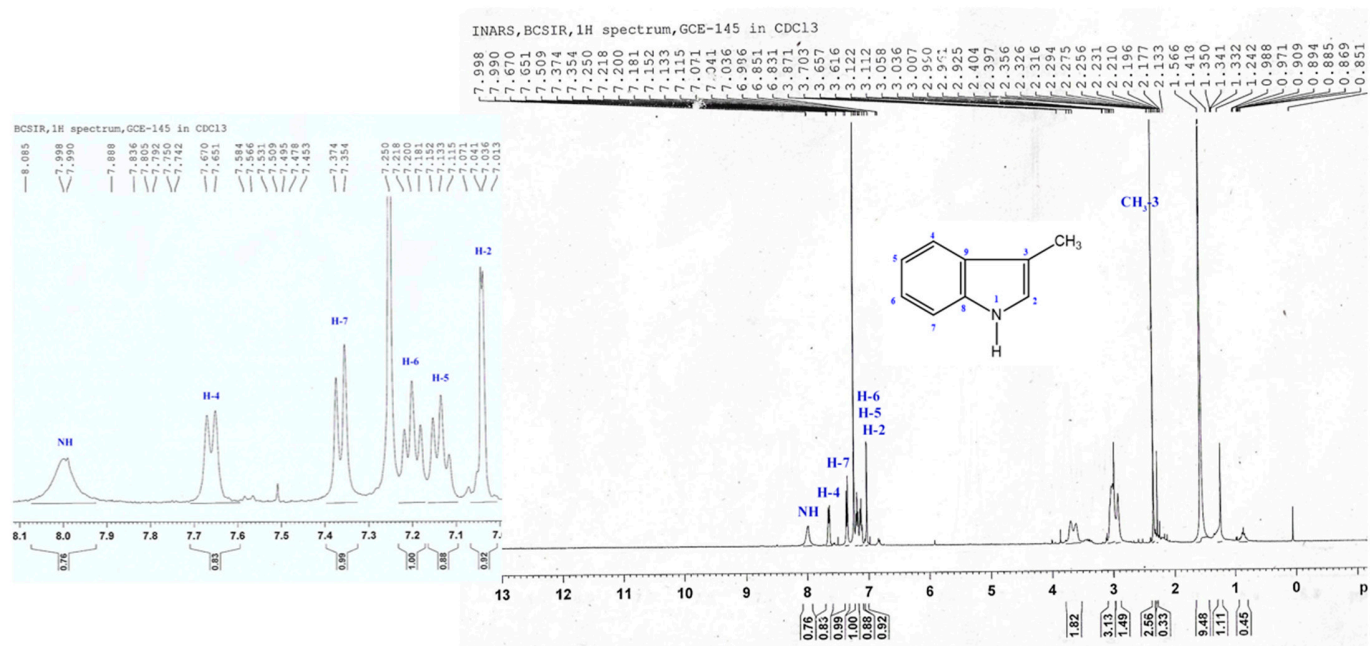


Figure S4. ^1H NMR spectrum (400 MHz, CDCl_3) of Compound 2.

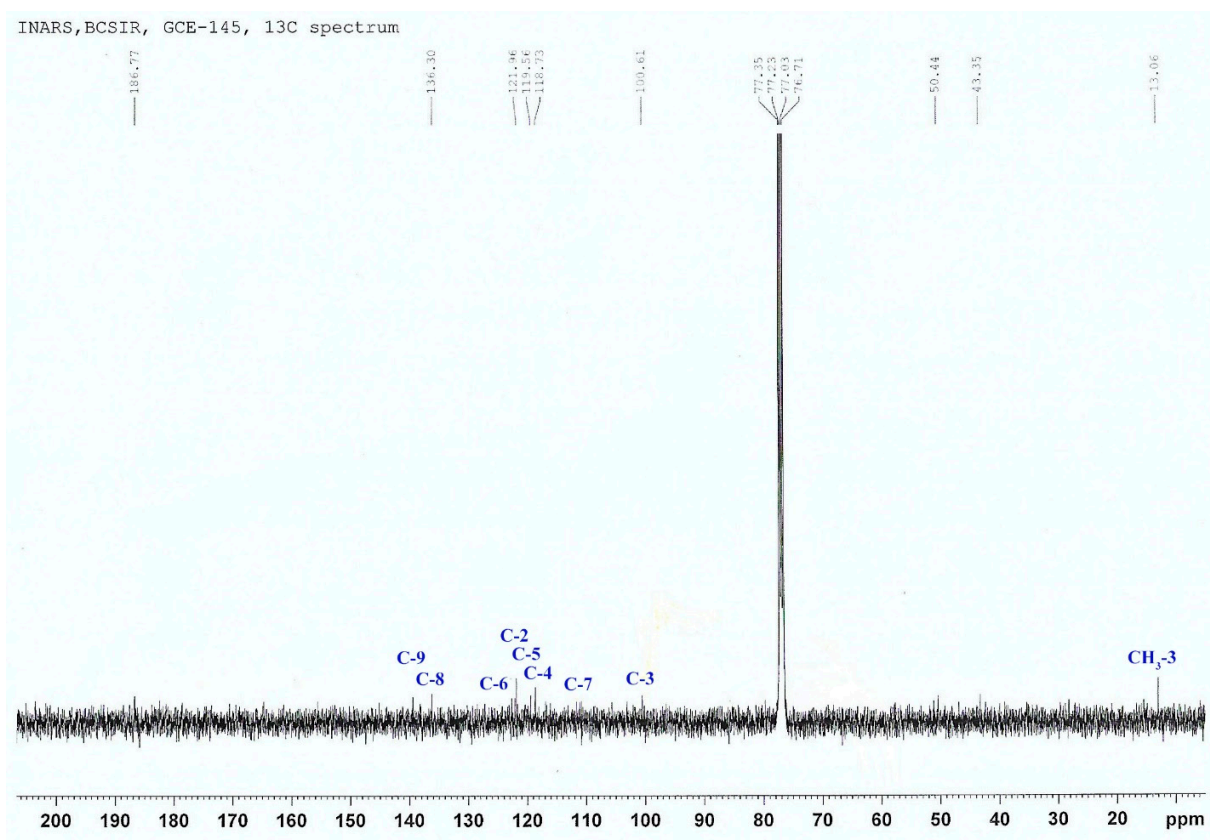


Figure S5. ^{13}C NMR spectrum (400 MHz, CDCl_3) of Compound 2.

INARS, BCSIR, Cosy 45, GCE-145

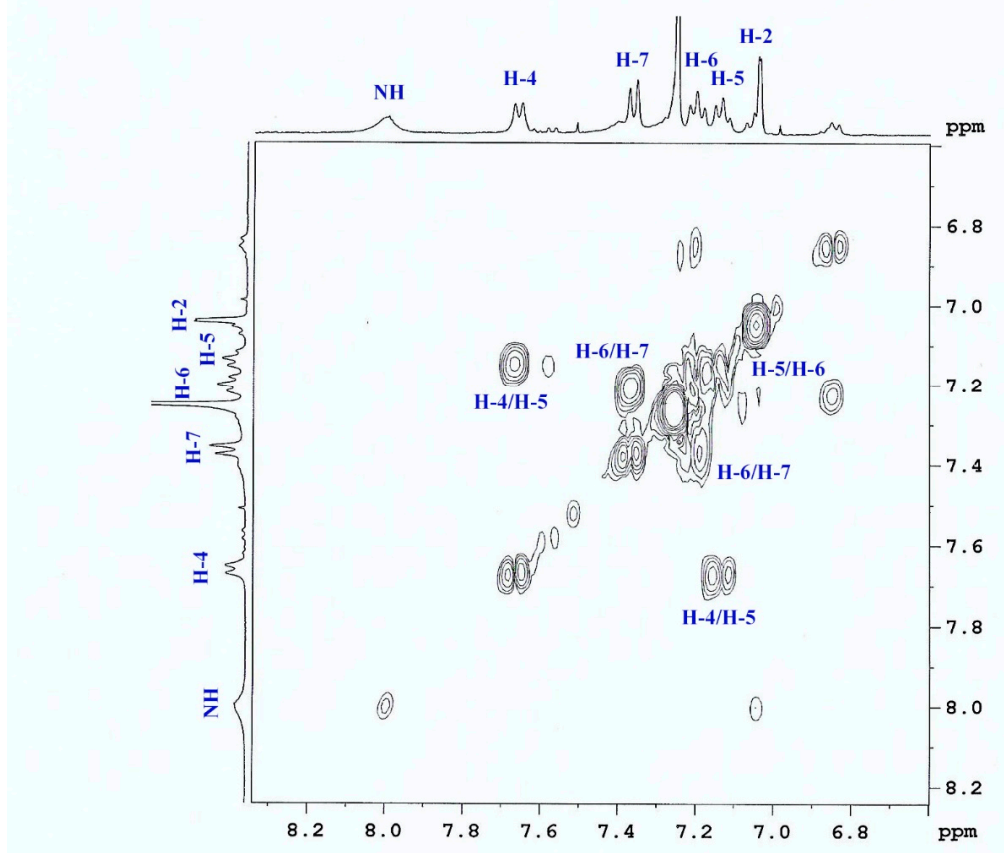


Figure S6. COSY spectrum (400 MHz, CDCl₃) of Compound 2.

INARS, BCSIR, HSQC, GCE-145

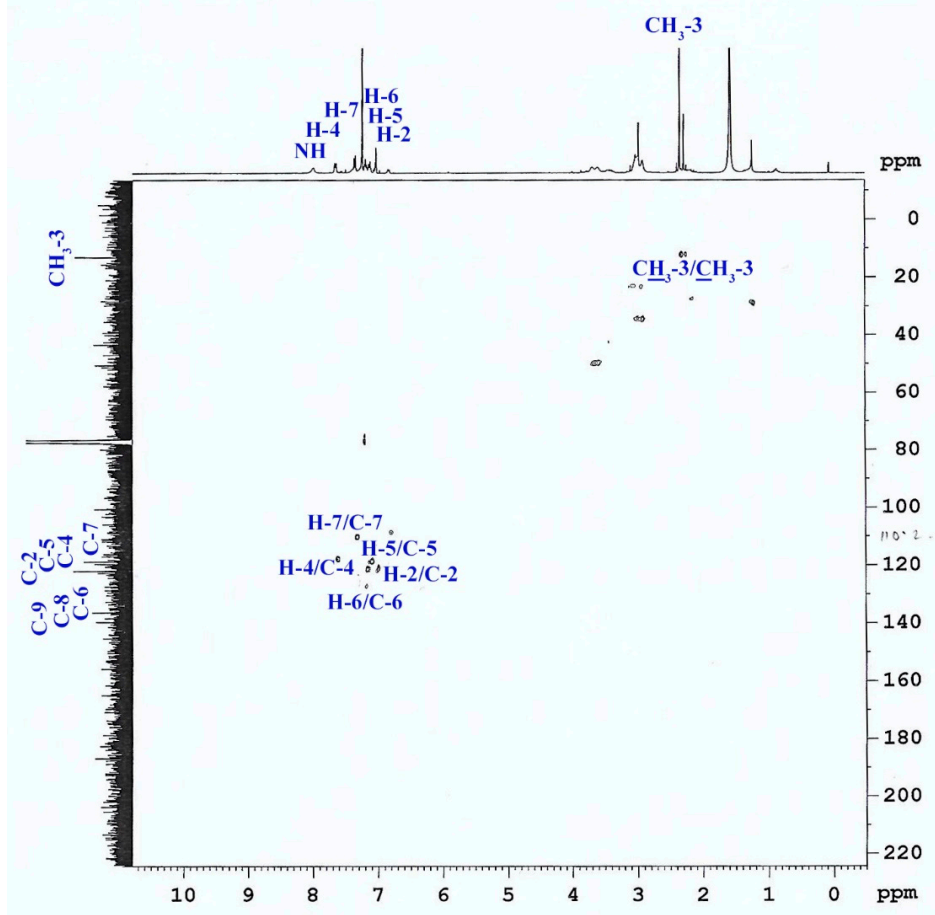


Figure S7. HSQC spectrum (400 MHz, CDCl_3) of Compound 2.

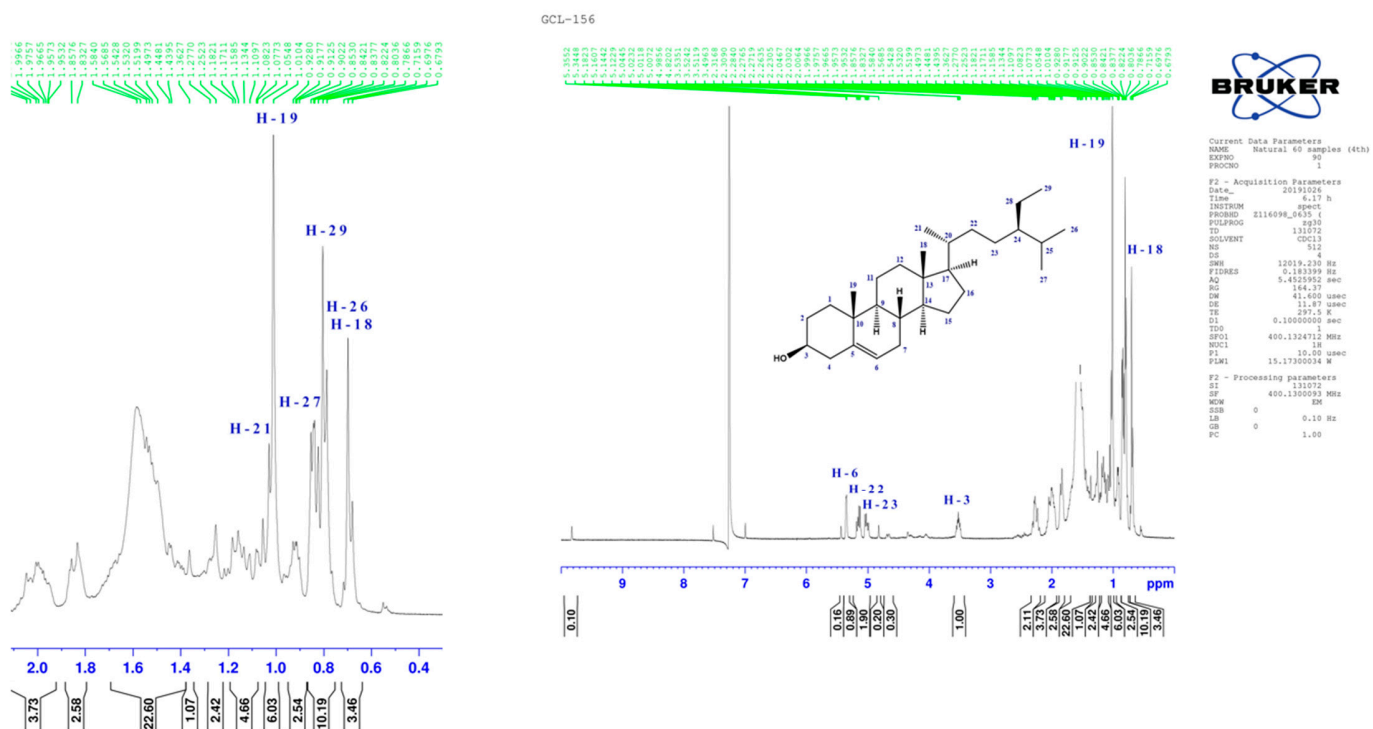


Figure S9. ^1H NMR spectrum (400 MHz, CDCl_3) of Compound 4.

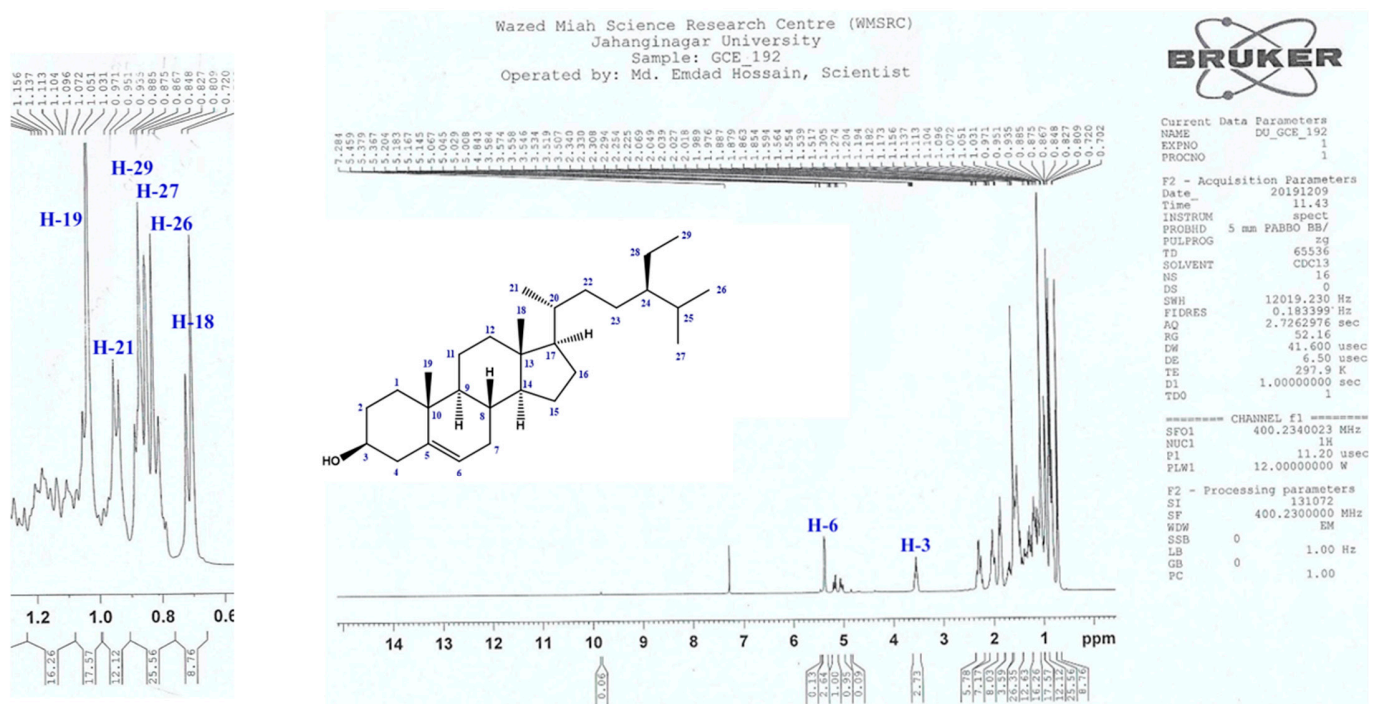


Figure S10. ^1H NMR spectrum (400 MHz, CDCl_3) of Compound 5.