

Supporting Information

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Antileishmanial Activity of a New ent-Kaurene Diterpene Glucoside Isolated from Leaves of *Xylopia excellens* R.E.Fr. (Annonaceae)

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Table S1. ^1H NMR data for compound **1**

Position	CDCl_3	CD_3OD
	δ_{H} mult. (J in Hz)	δ_{H} mult. (J in Hz)
1	0.82 m 1.78 m	0.80 m 1.81 m
2	1.63 m 1.41 m	1.40 m 1.19 m
3	1.20 m 1.38 m	1.68 m 1.38 m
4	-	-
5	1.51 m	1.60 m
6	1.52 m 1.99 m	1.52 dt (13.0 and 1.8) 2.10 m
7	3.44 m	3.47 m
8	-	-
9	1.41 m	1.47 m
10	-	-
11	1.52 m 1.54 m	1.58 m
12	1.71 m 1.47 m	1.74 d (11.9) 1.45 m
13	2.67 m	2.62 m
14	1.90 m 1.16 m	1.93 m 1.16 m
15	2.25 m 2.26 m	2.37 m
16	-	-
17	4.77 m 4.81 m	4.74 m 4.77 m
18	0.85 s	0.87 s
19	0.81 s	0.83 s
20	1.02 s	1.07 s
1`	4.39 d (7.7)	4.28 d (7.7)
2`	3.39 m	3.87 m
3`	3.37 m	3.46 m
4`	3.61 m	3.44 m
5`	3.57 m	3.53 dd (9.7 and 7.7)
6`	3.79 m 3.86 m	3.65 m 3.72 m

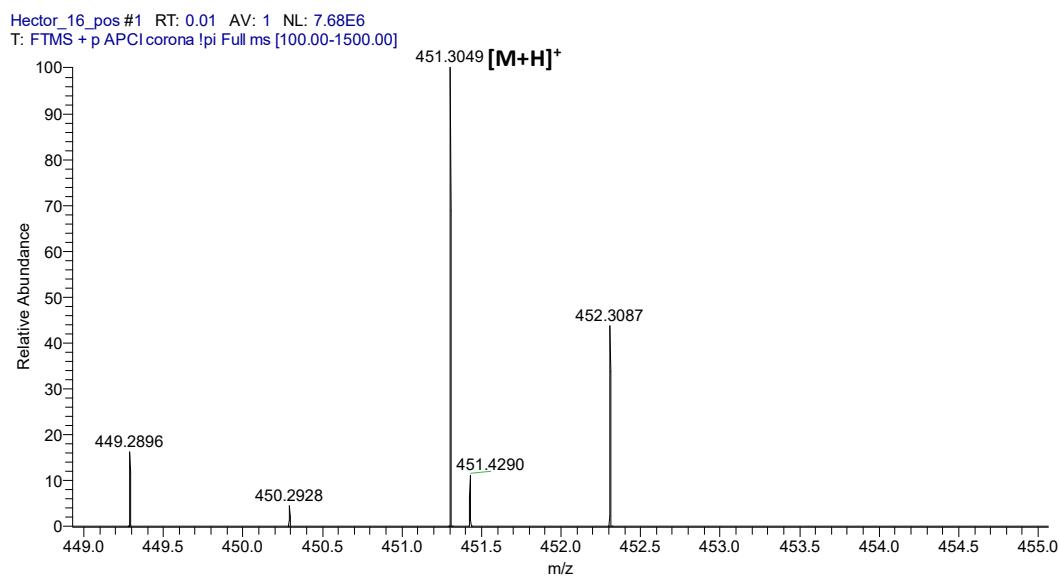


Figure S1. HR-MS spectrum of compound 1.

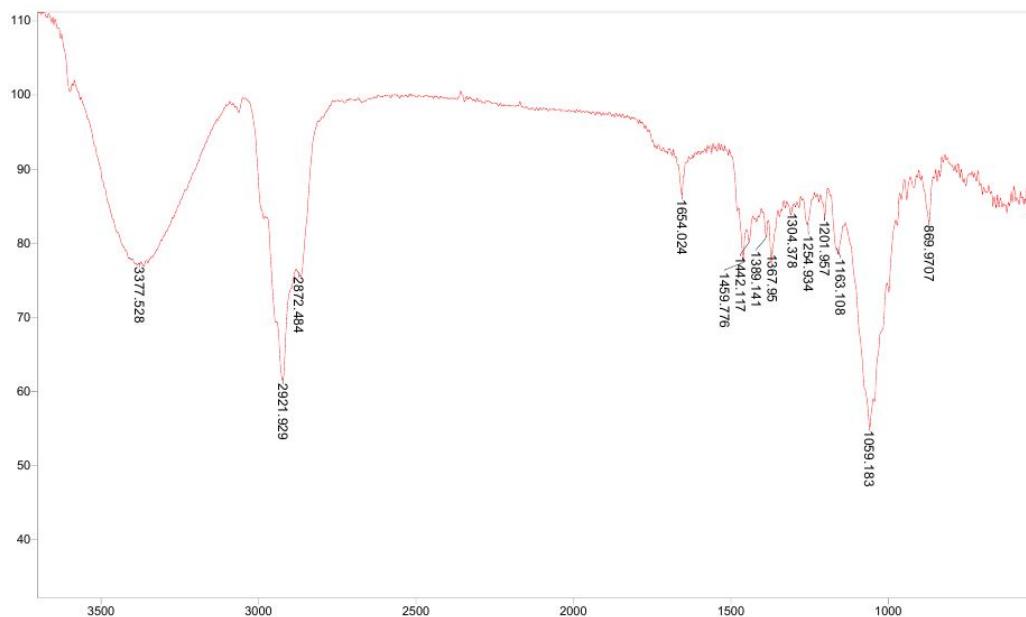


Figure S2. IR spectrum (KBr) of compound 1.

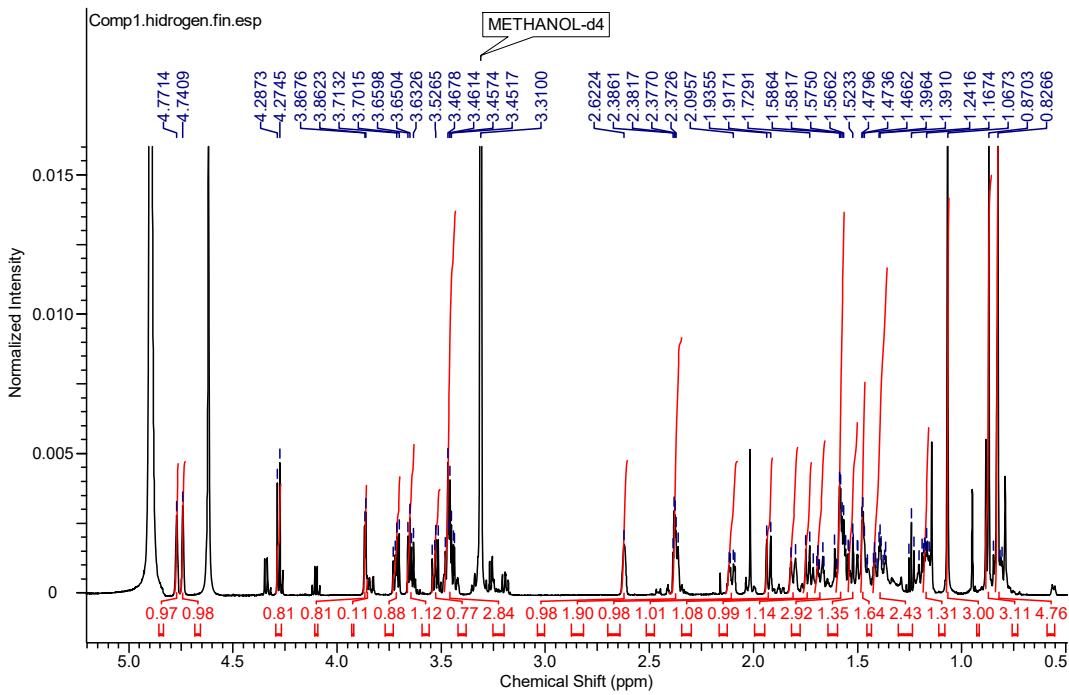


Figure S3. ^1H NMR spectrum of compound **1** in CD_3OD at 600 MHz.

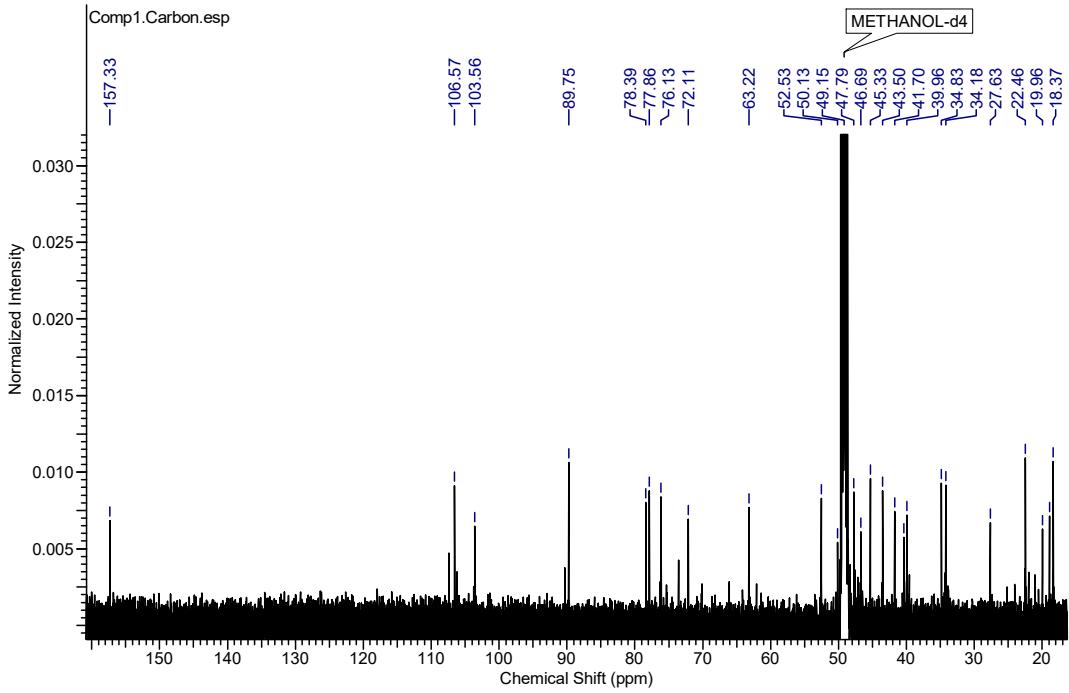


Figure S4. ^{13}C NMR spectrum of compound **1** in CD_3OD at 125 MHz.

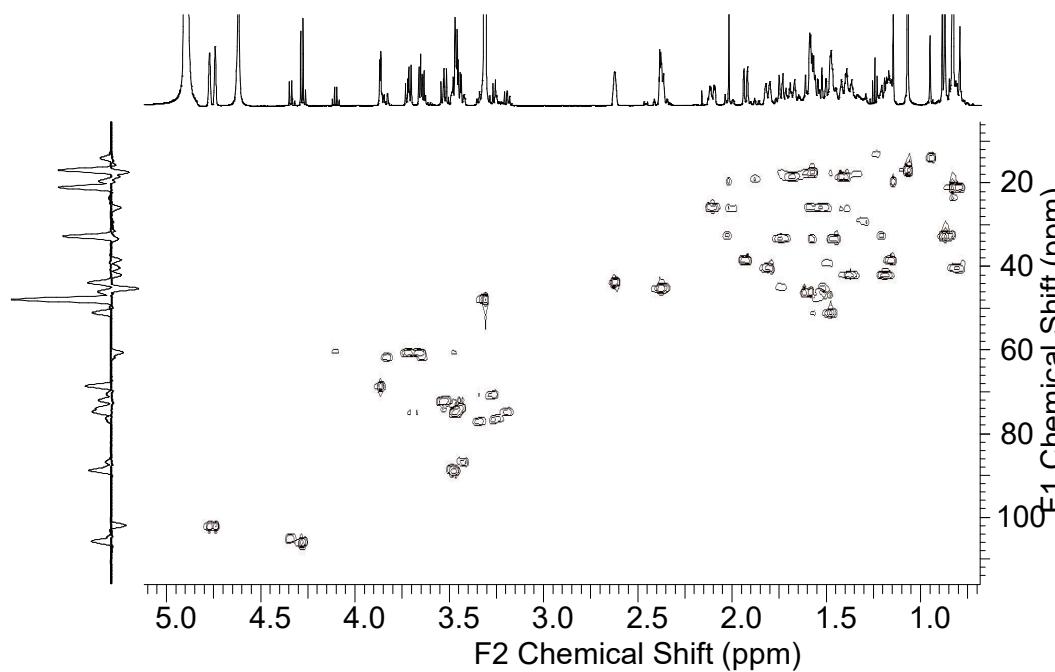


Figure S5. ¹H-¹³C correlation map from HSQC NMR experiment of compound **1** in CD₃OD at 600 and 150 MHz.

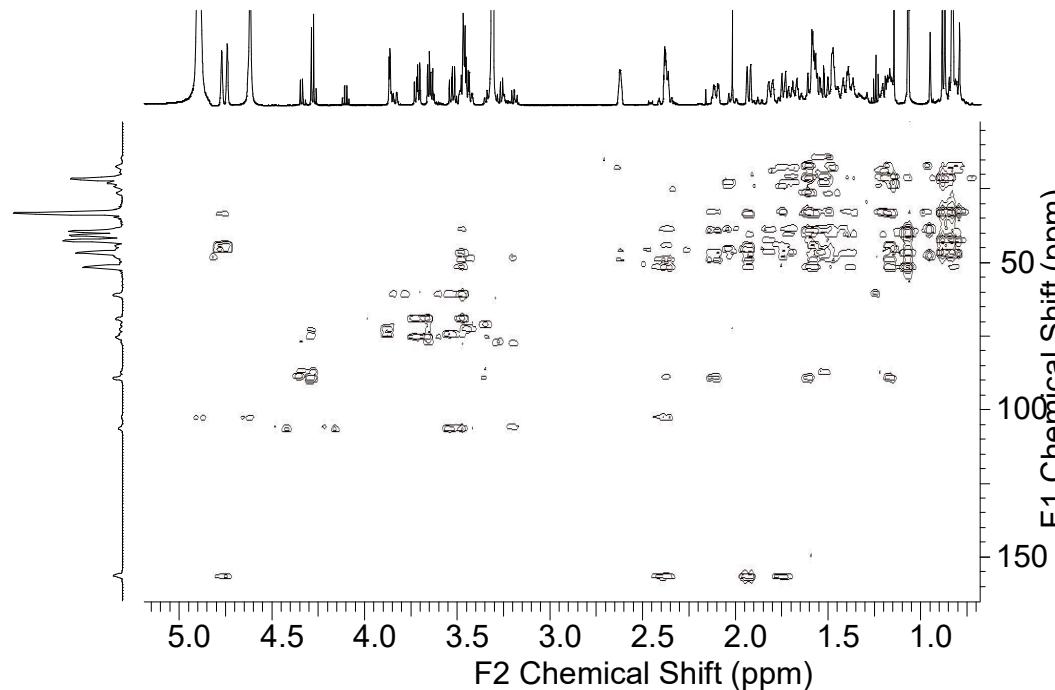


Figure S6. ¹H-¹³C correlation map from HMBC NMR experiment of compound **1** in CD₃OD at 600 and 150 MHz.

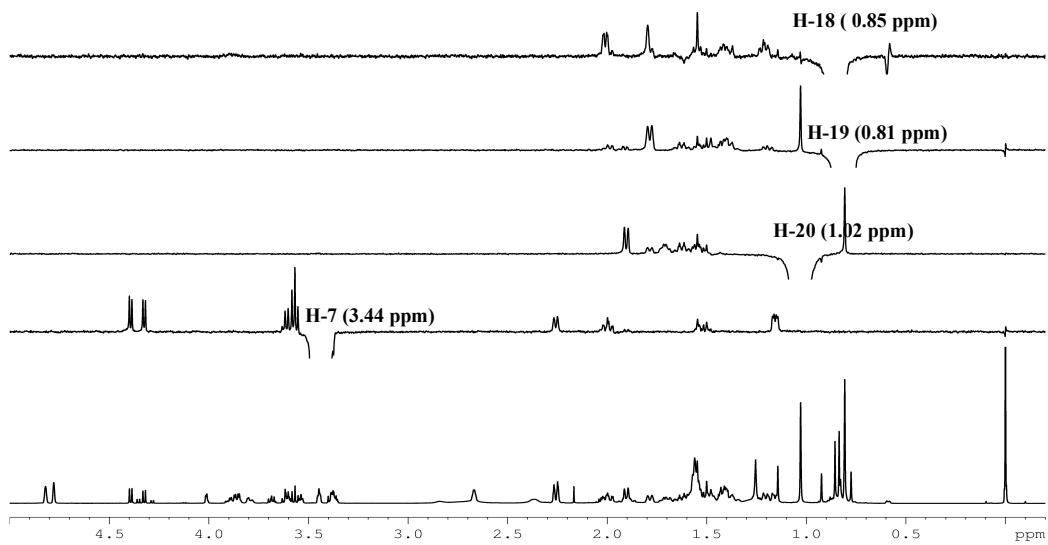


Figure S7. ¹H NMR spectrum and 1D NOE experiments of compound **1** in CDCl₃ at 600 MHz.