

Supporting Information

Rec. Nat. Prod. xx:x (2017) x-x

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 ₃ OD |
|-----------|-------------------------------------|-------------------------------------|
| | δ_{H} mult. (J in Hz) | δ_{H} mult. (J in Hz) |
| 1 | 0.82 m | 0.80 m |
| | 1.78 m | 1.81 m |
| 2 | 1.63 m | 1.40 m |
| | 1.41 m | 1.19 m |
| 3 | 1.20 m | 1.68 m |
| | 1.38 m | 1.38 m |
| 4 | - | - |
| 5 | 1.51 m | 1.60 m |
| 6 | 1.52 m | 1.52 dt (13.0 and 1.8) |
| | 1.99 m | 2.10 m |
| 7 | 3.44 m | 3.47 m |
| 8 | - | - |
| 9 | 1.41 m | 1.47 m |
| 10 | - | - |
| 11 | 1.52 m | 1.58 m |
| | 1.54 m | |
| 12 | 1.71 m | 1.74 d (11.9) |
| | 1.47 m | 1.45 m |
| 13 | 2.67 m | 2.62 m |
| 14 | 1.90 m | 1.93 m |
| | 1.16 m | 1.16 m |
| 15 | 2.25 m | 2.37 m |
| | 2.26 m | |
| 16 | - | - |
| 17 | 4.77 m | 4.74 m |
| | 4.81 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 | 3.65 m |
| | 3.86 m | 3.72 m |

Hector_16_pos #1 RT: 0.01 AV: 1 NL: 7.68E6
T: FTMS + p APCI corona !pi Full ms [100.00-15]

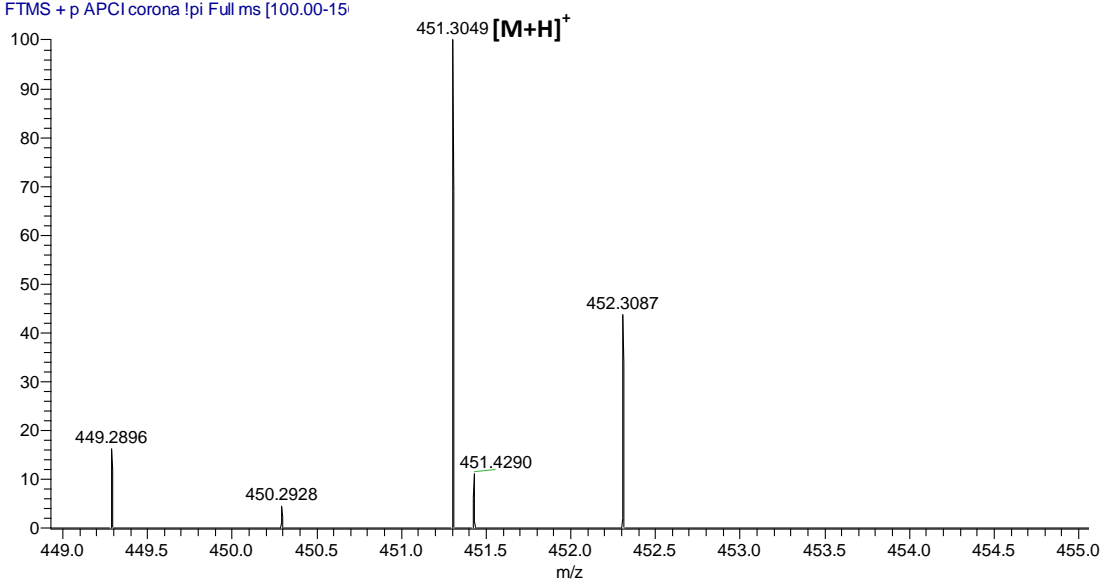


Figure S1. HR-MS spectrum of compound 1.

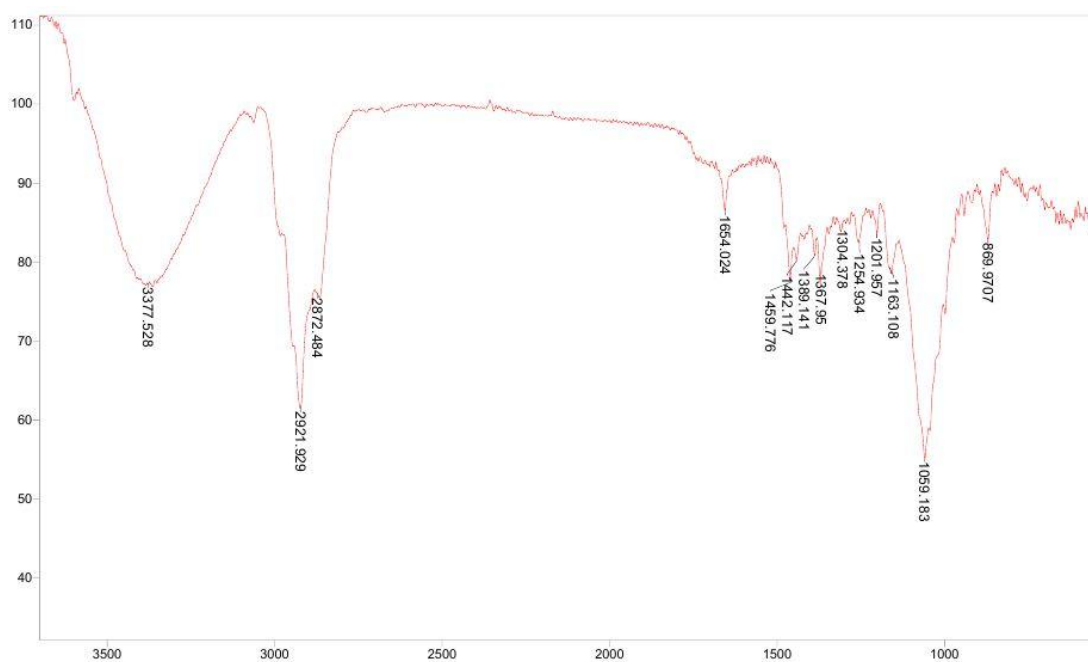


Figure S2. IR spectrum (KBr) of compound 1.

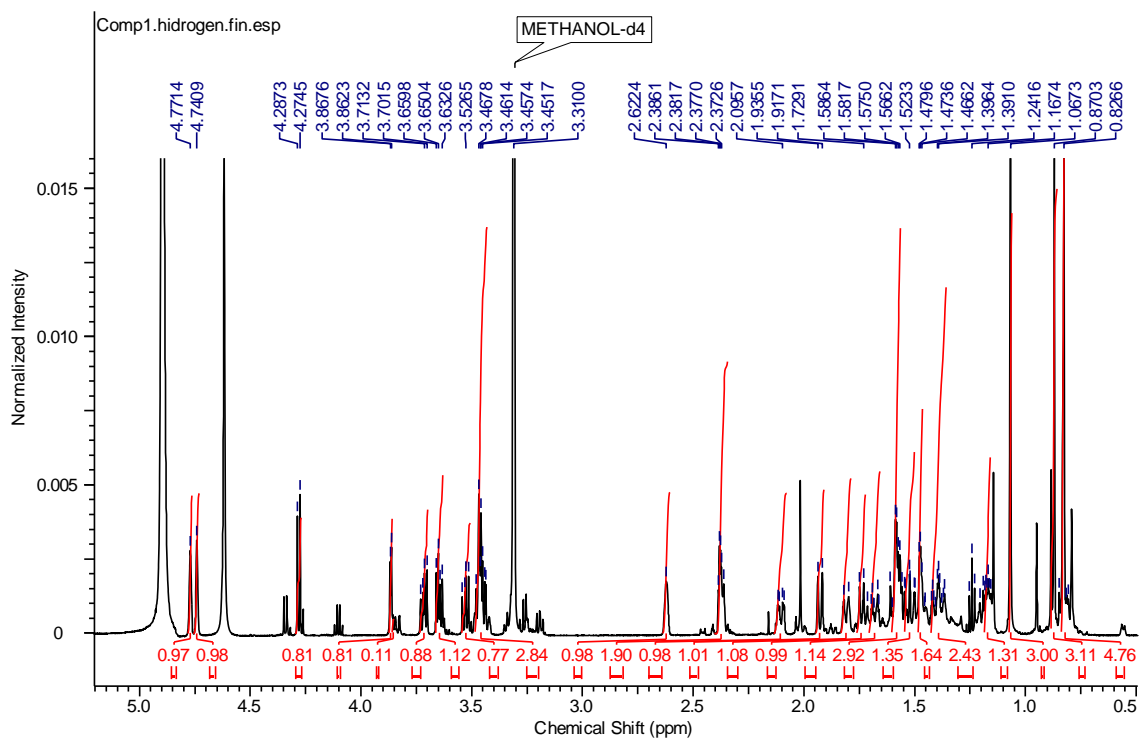


Figure S3. ^1H NMR spectrum of compound 1 in CD_3OD at 600 MHz.

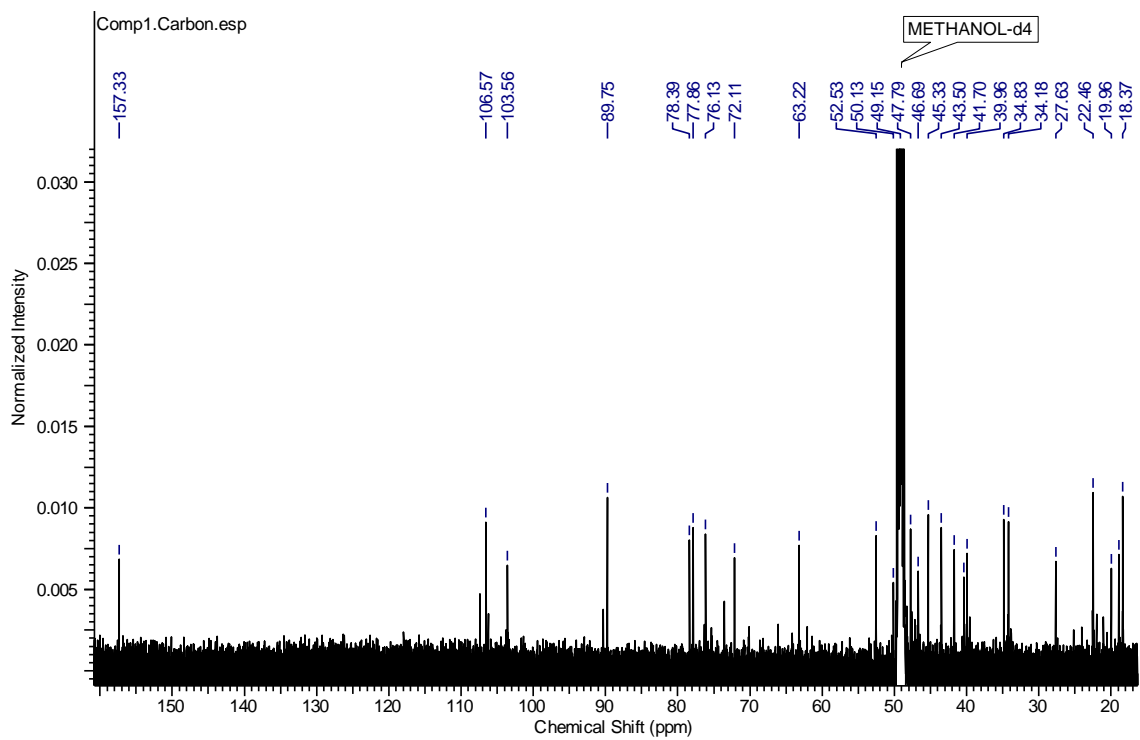


Figure S4. ^{13}C NMR spectrum of compound 1 in CD_3OD at 125 MHz.

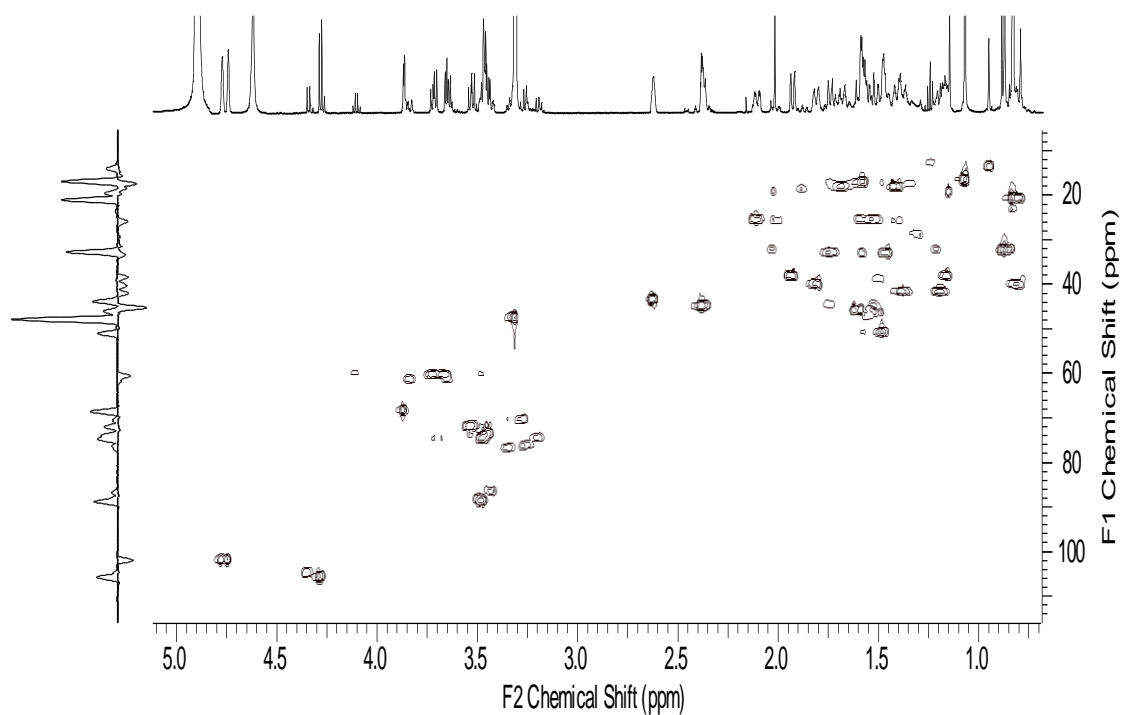


Figure S5. ^1H - ^{13}C correlation map from HSQC NMR experiment of compound **1** in CD_3OD at 600 and 150 MHz.

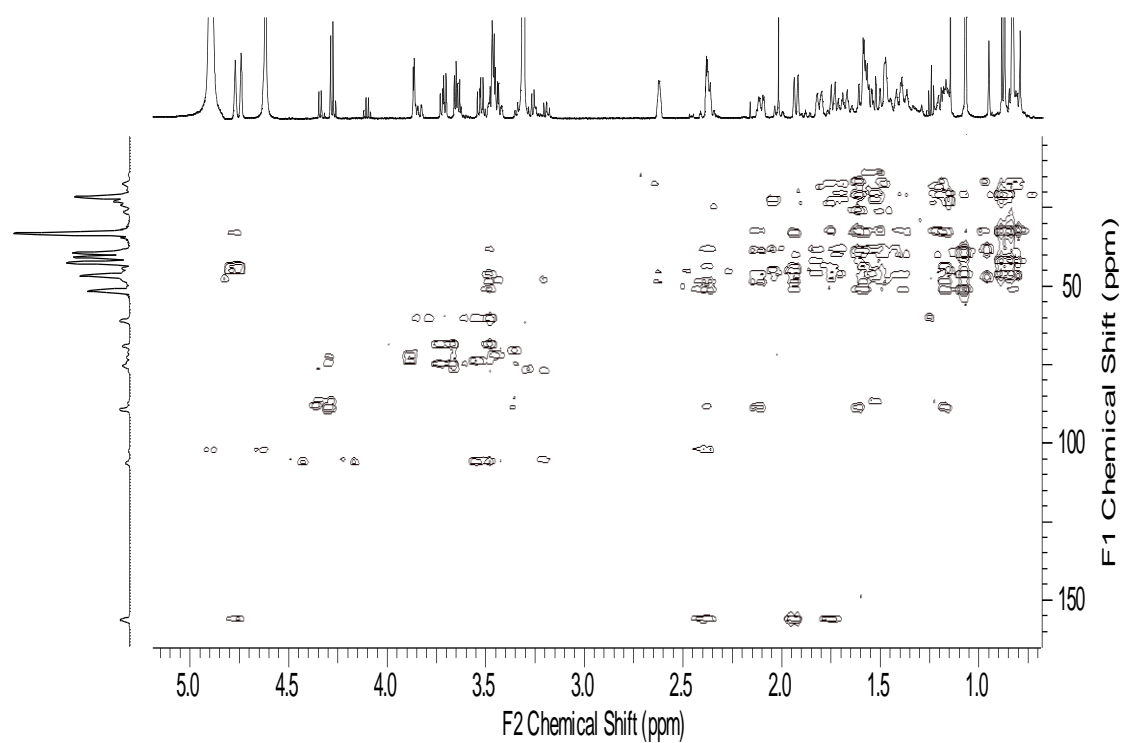


Figure S6. ^1H - ^{13}C correlation map from HMBC NMR experiment of compound **1** in CD_3OD at 600 and 150 MHz.

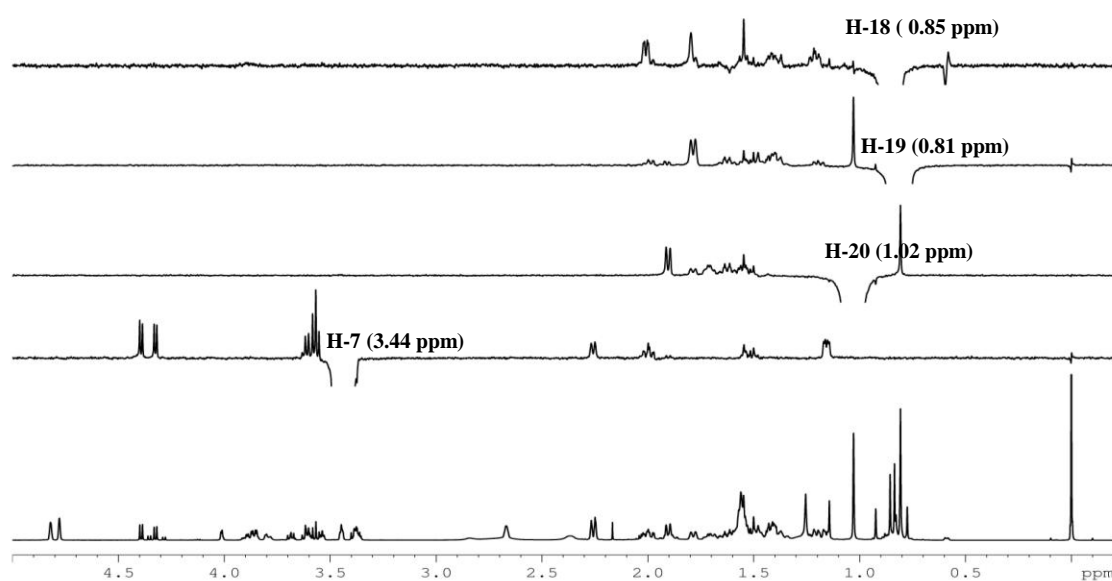


Figure S7. ^1H NMR spectrum and 1D NOE experiments of compound **1** in CDCl_3 at 600 MHz.