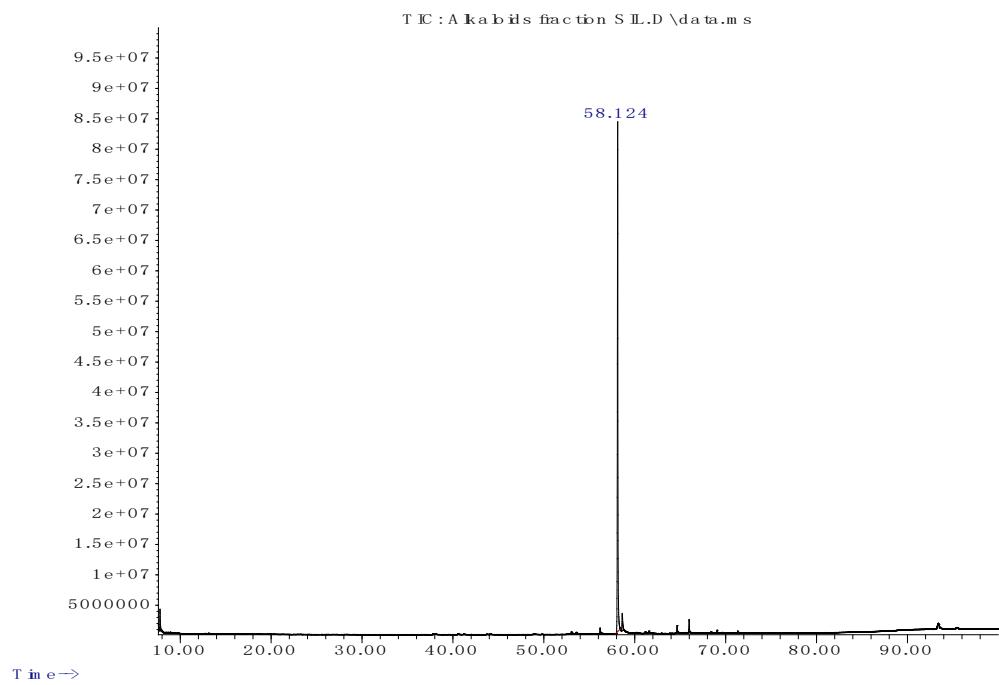
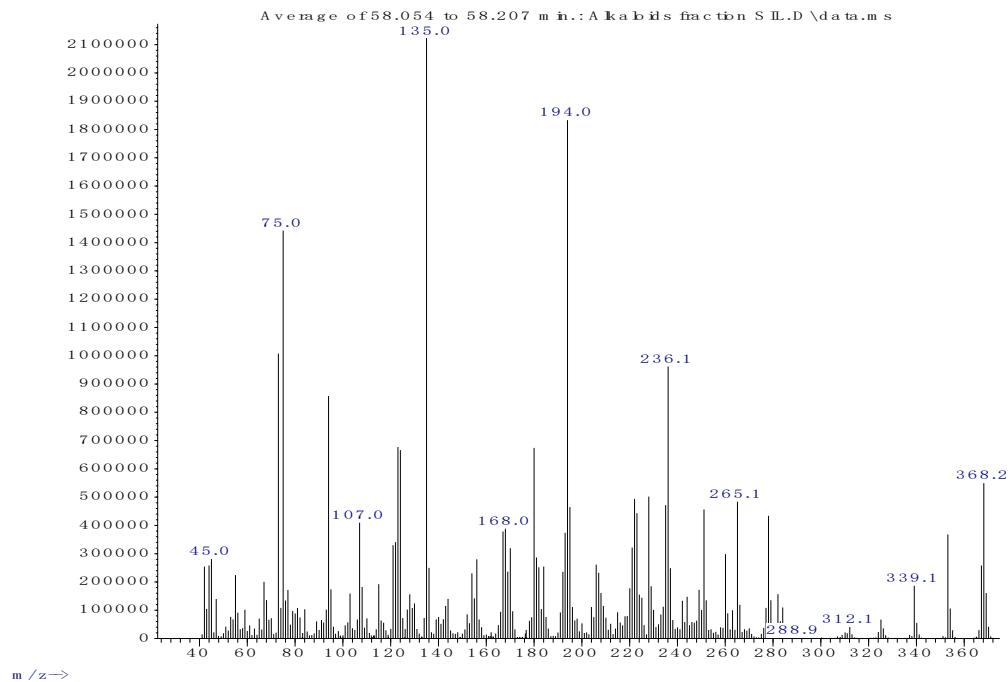


Abundance

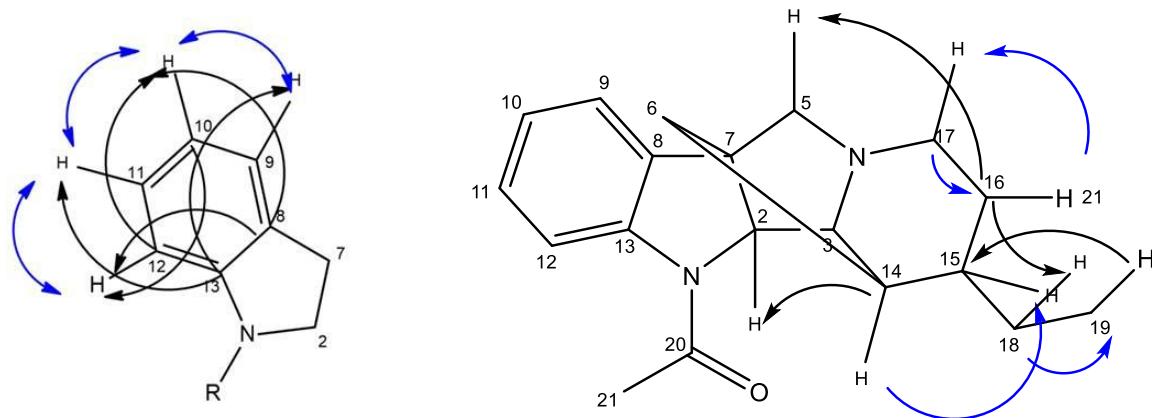


**Figure S1.** GC-MS chromatogram of studied fraction after the silylation process.

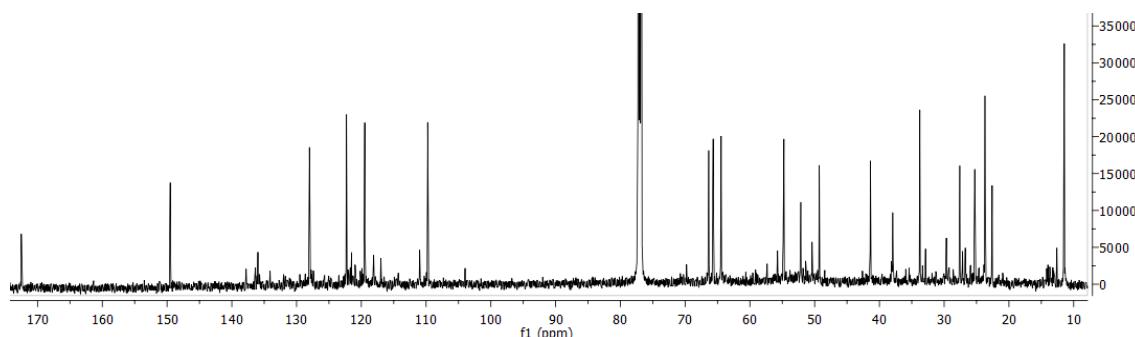
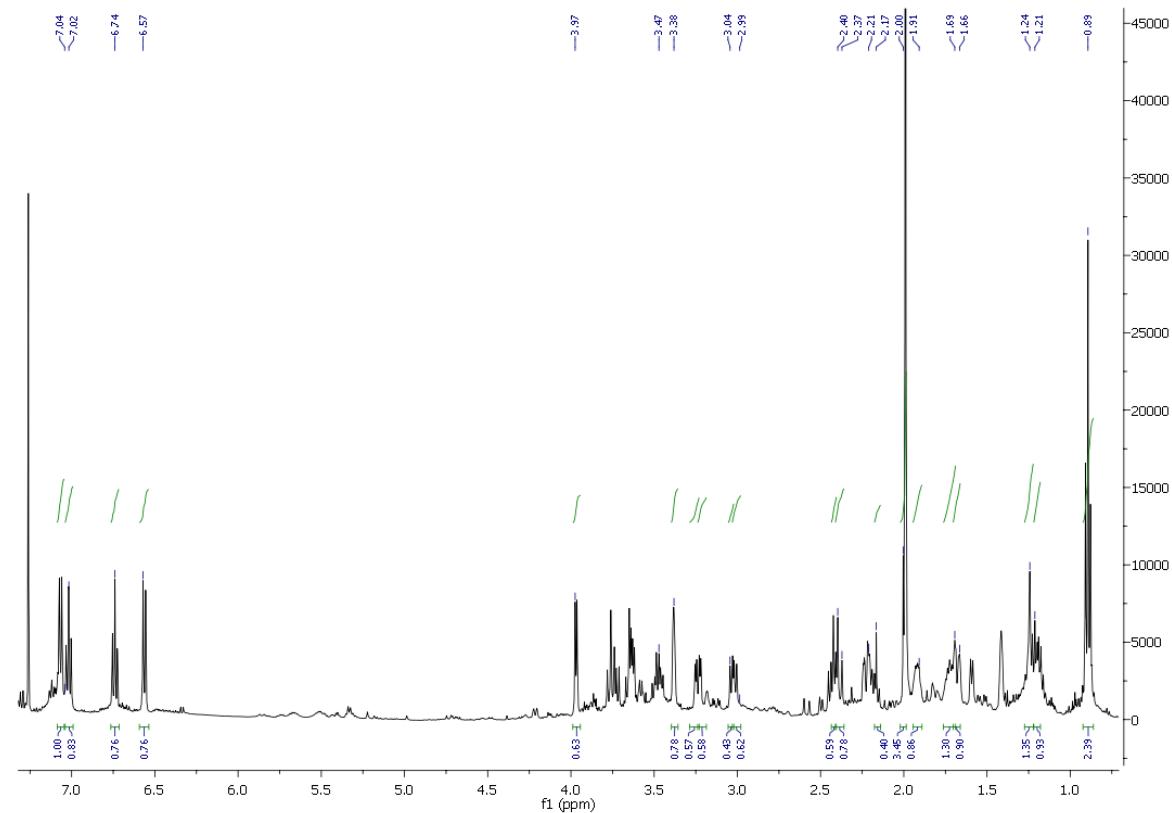
Abundance



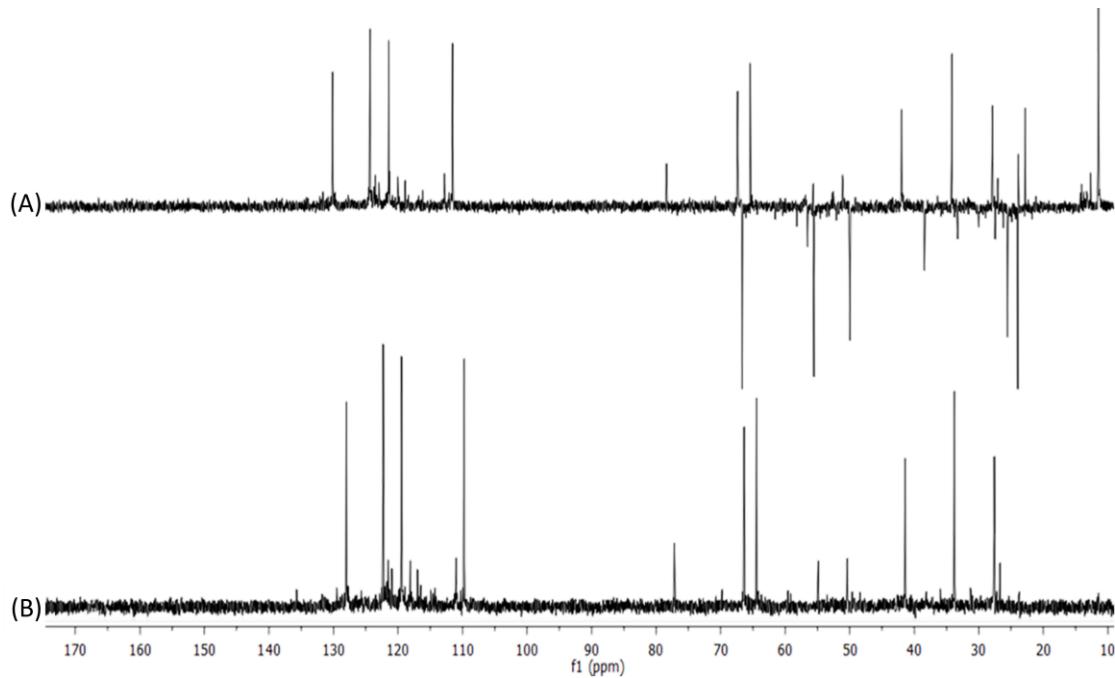
**Figure S2.** Mass spectrum of silylated geissospermiculatine (Rt = 58.124 min.) from GC-MS analysis.



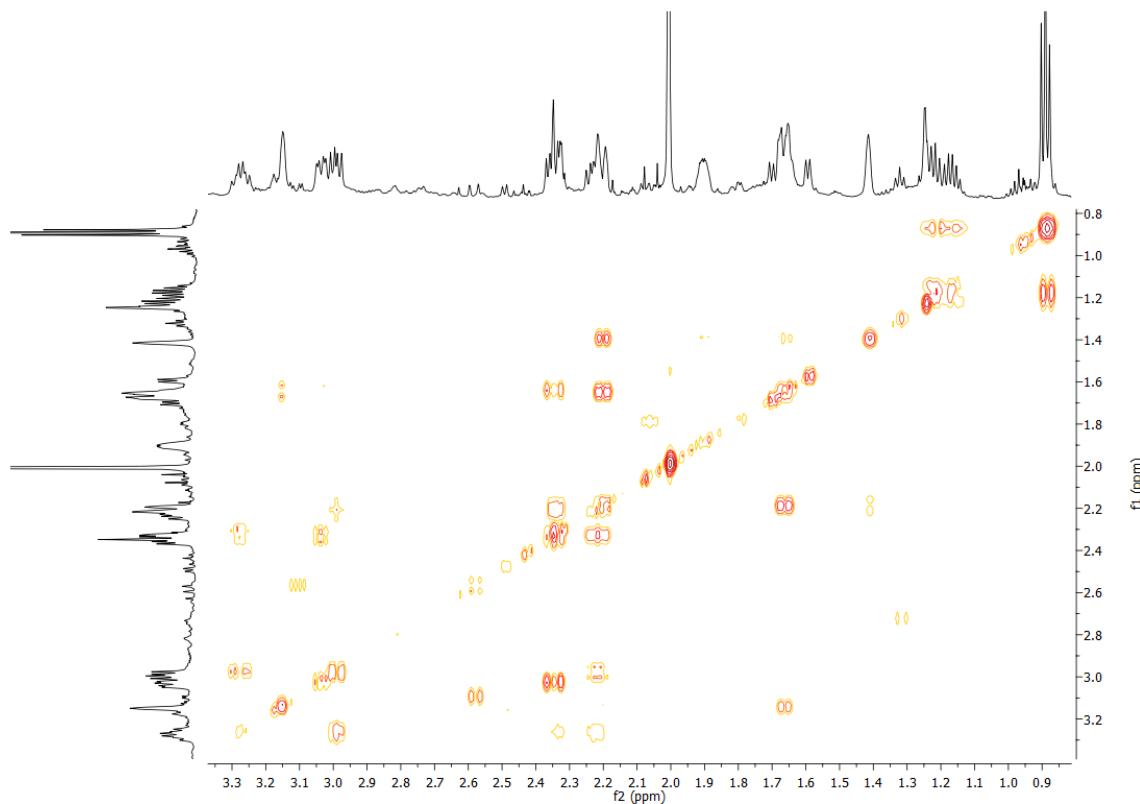
**Figure S3.** Important HMBC (in black) and COSY (in blue) correlations of 4.



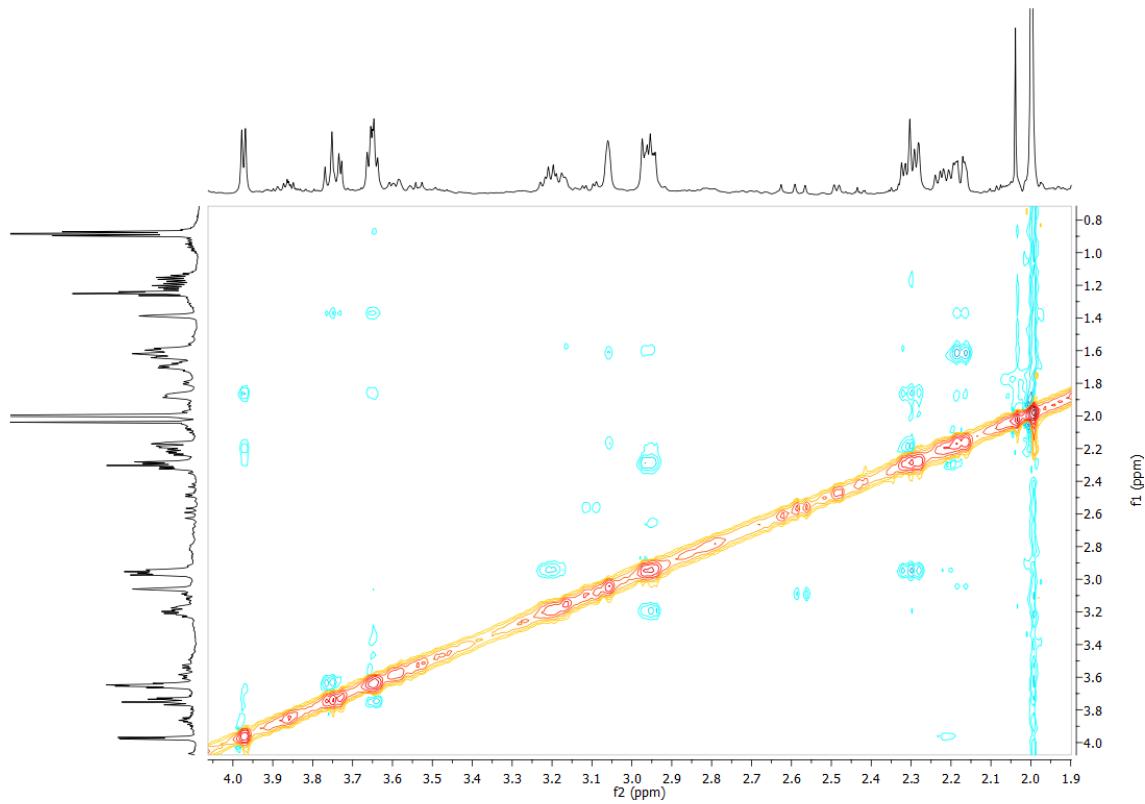
**Figure S5.**  $^{13}\text{C}$  NMR spectrum of geissospermiculatine.



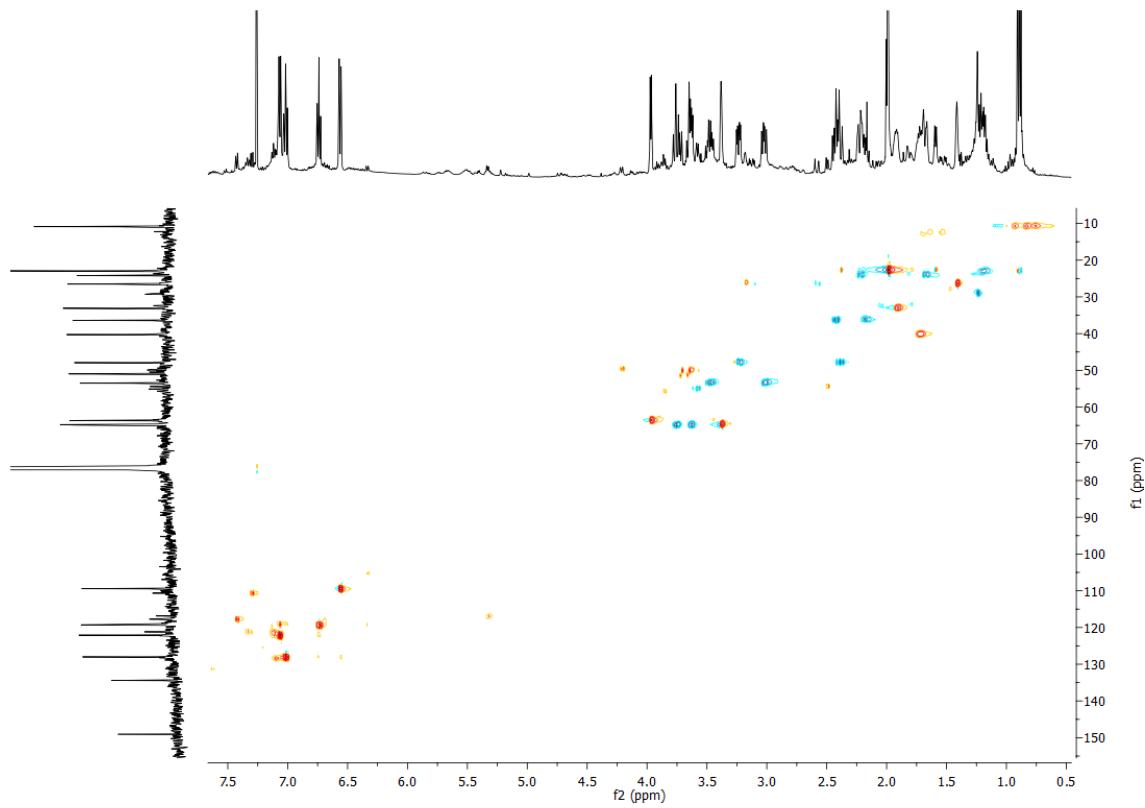
**Figure S6.** DEPT-135 (A) and DEPT-90 (B) NMR spectra of geissospermiculatine.



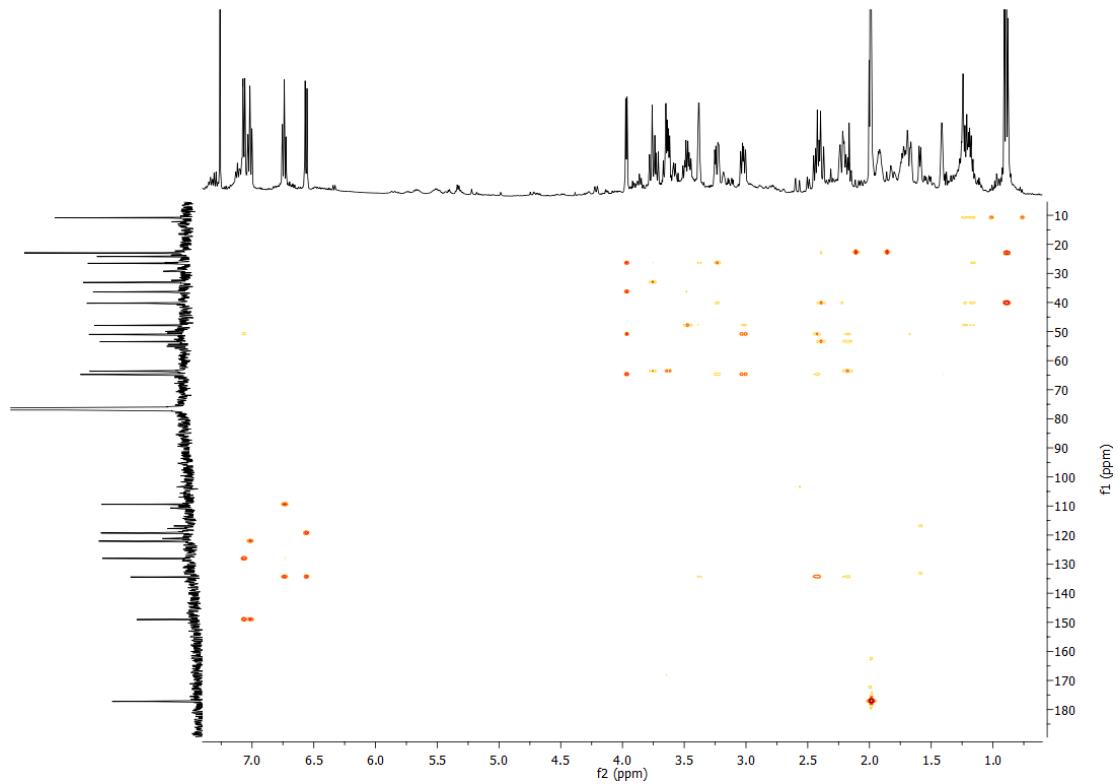
**Figure S7.** COSY spectrum of geissospermiculatine.



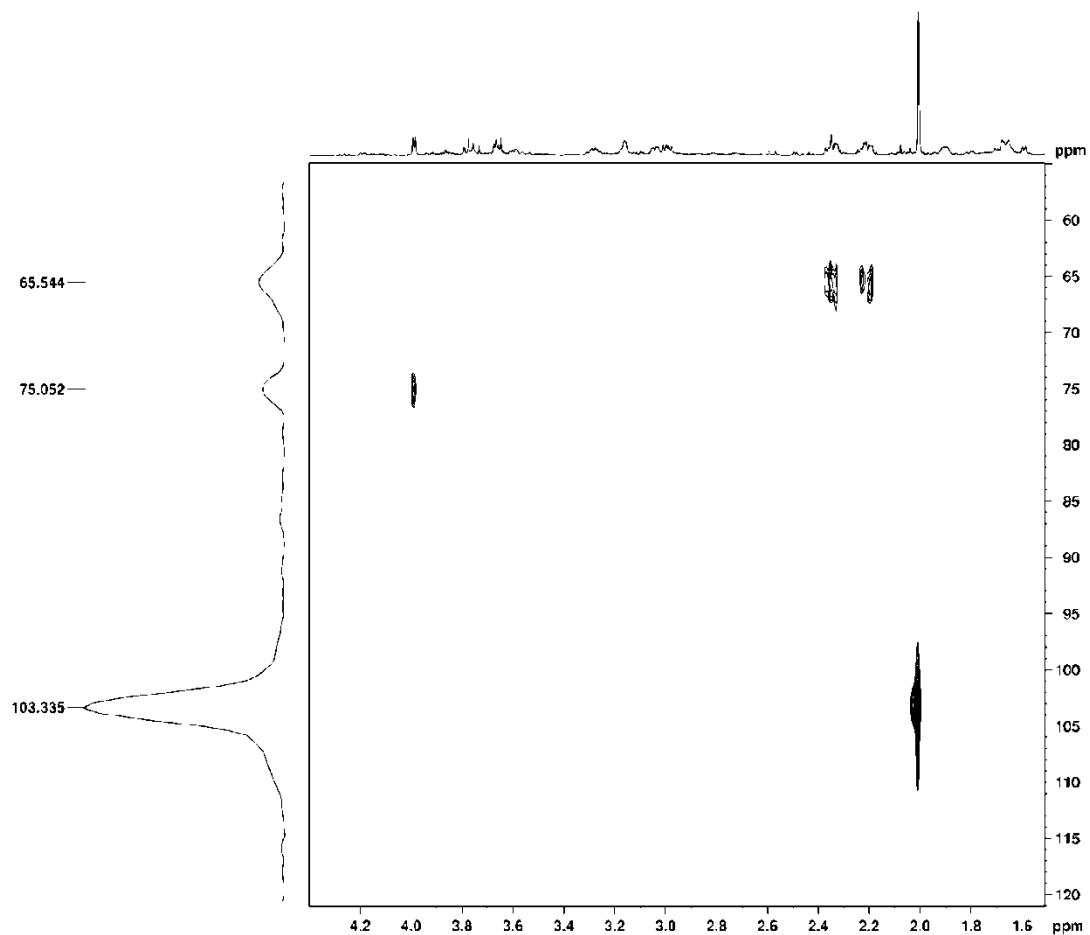
**Figure S8.** ROESY spectrum of geissospermiculatine.



**Figure S9.** HSQC spectrum of geissospermiculatine.



**Figure S10.** HMBC spectrum of geissospermiculatine.



**Figure S11.** <sup>1</sup>H-<sup>15</sup>N HMBC spectrum of geissospermiculatine.