

Stilbenes from *Deguelia rufescens* var. *urucu* (Ducke) A. M. G. Azevedo Leaves:
Effects on Seed Germination and Plant Growth

Lívia T. Lobo,^a Geilson A. da Silva,^a Manolo C. C. de Freitas,^a Antonio Pedro S. Souza Filho,^b
Milton N. da Silva,^a Alberto C. Arruda,^a Giselle M. S. P. Guilhon,^a Lourivaldo S. Santos,^a
Alberdan S. Santos^a and Mara S. P. Arruda^{a*}

^aPrograma de Pós-Graduação em Química, Instituto de Ciências Exatas e Naturais, Universidade
Federal do Pará, Rua Augusto Corrêa 01, Guamá, 66075-970 Belém-PA, Brazil

^bCentro de Pesquisa Agroflorestal da Amazônia Oriental-CPATU,
CP 48, 66095-100 Belém-PA, Brazil

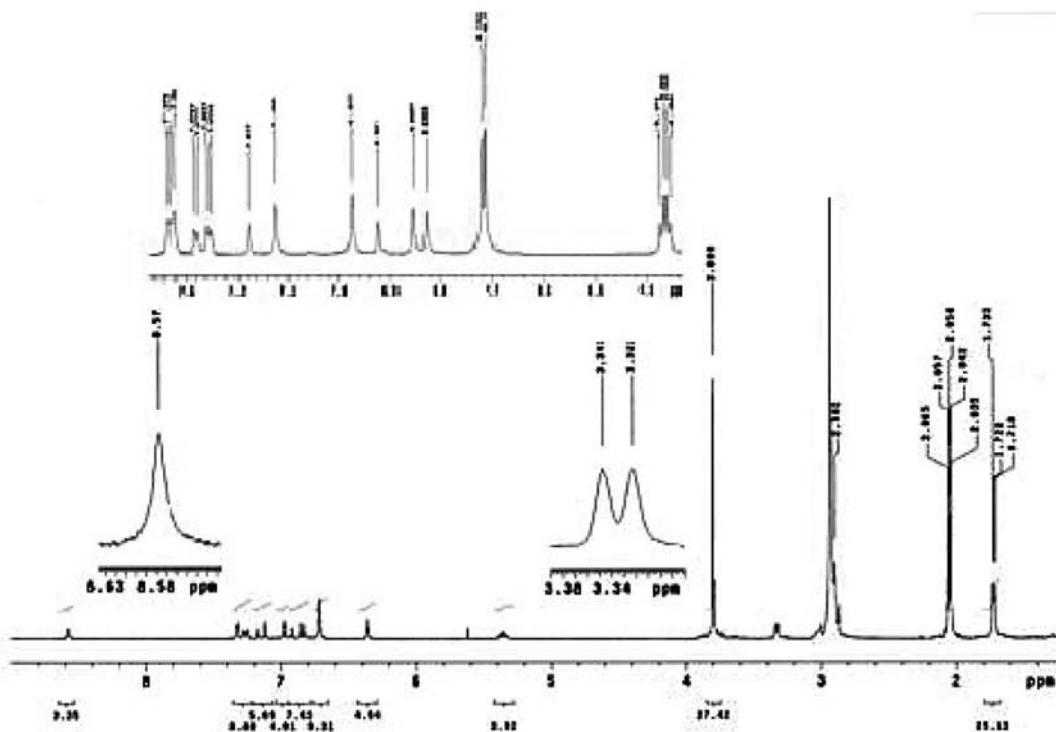


Figure S1. ¹H NMR spectrum [in (CD₃)₂CO, 300 MHz] of the compound 2 isolated from leaves of *Deguelia rufescens* var. *urucu*.

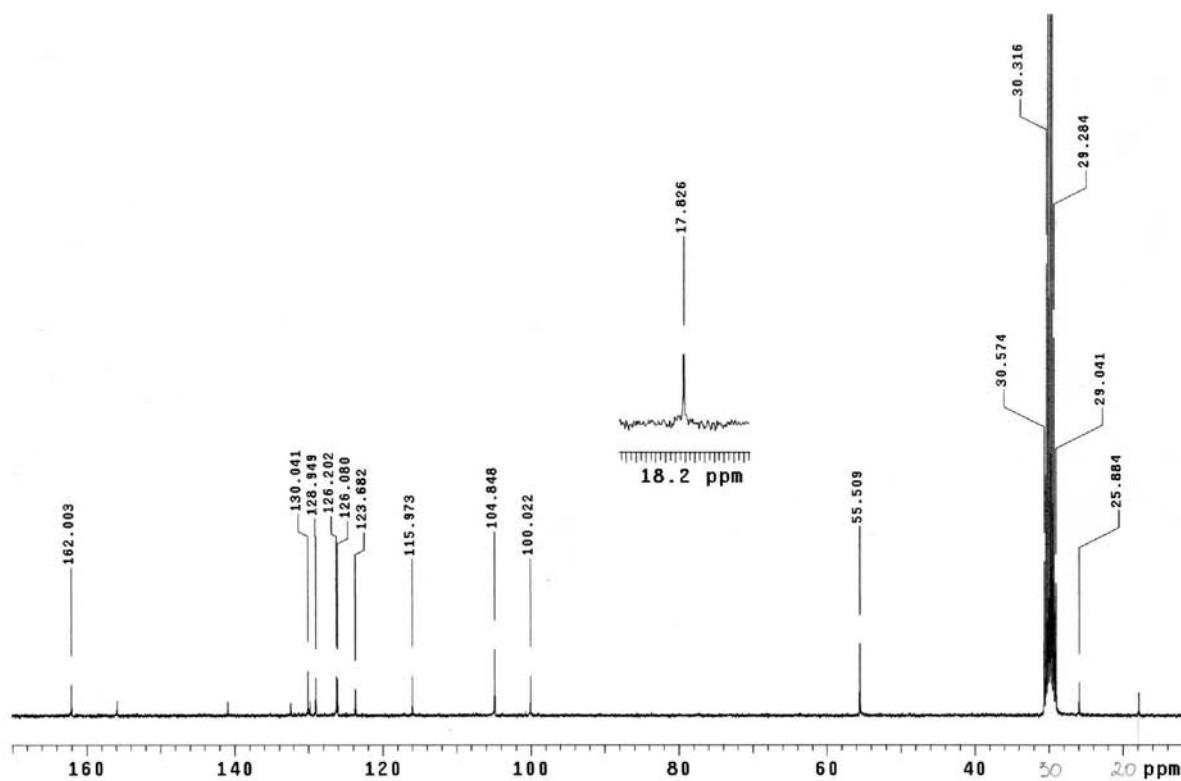


Figure S2. ^{13}C NMR spectrum [in $(\text{CD}_3)_2\text{CO}$, 75 MHz] of the compound **2** isolated from leaves of *Deguelia rufescens* var. *urucu*.

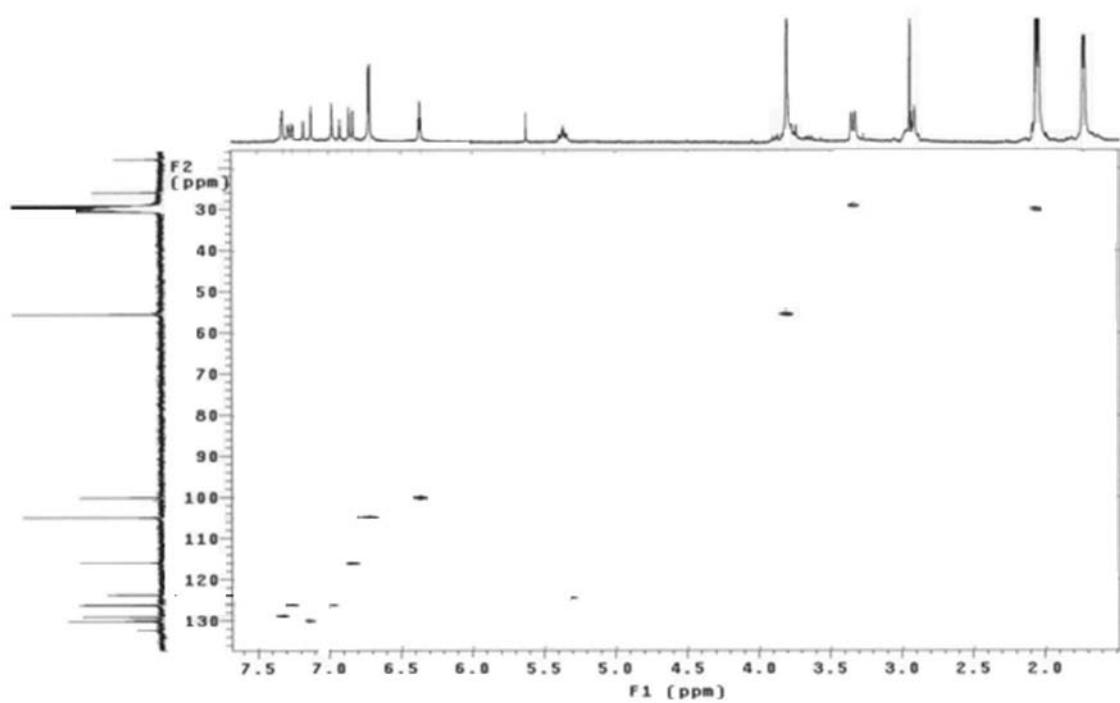


Figure S3. HETCOR NMR experiment [in $(\text{CD}_3)_2\text{CO}$, 300×75 MHz] of the compound **2** isolated from leaves of *Deguelia rufescens* var. *urucu*.

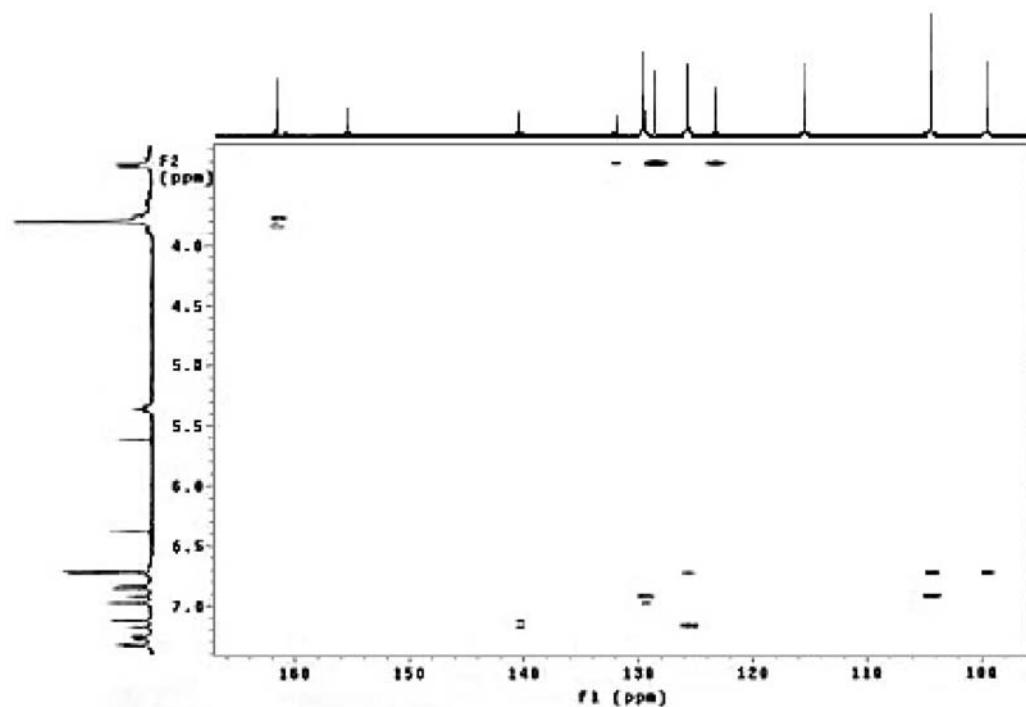


Figure S4. HMBC NMR experiment [in $(\text{CD}_3)_2\text{CO}$, 300×75 MHz] of the compound **2** isolated from leaves of *Deguelia rufescens* var. *urucu*.

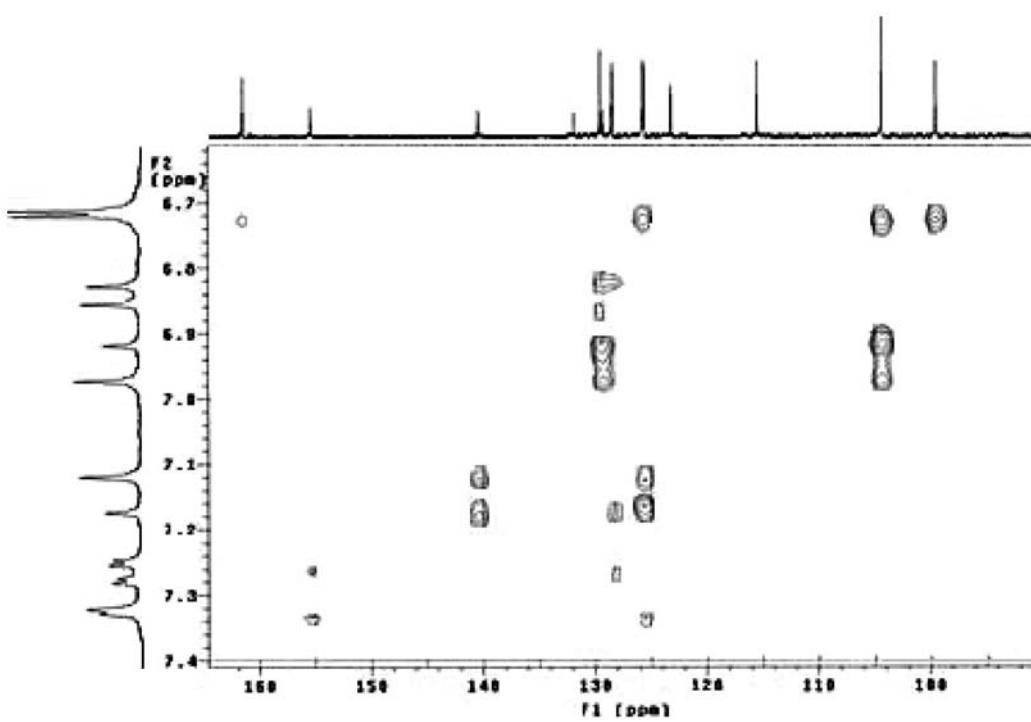


Figure S5. HMBC NMR experiment of the compound **2** (expansion 1).

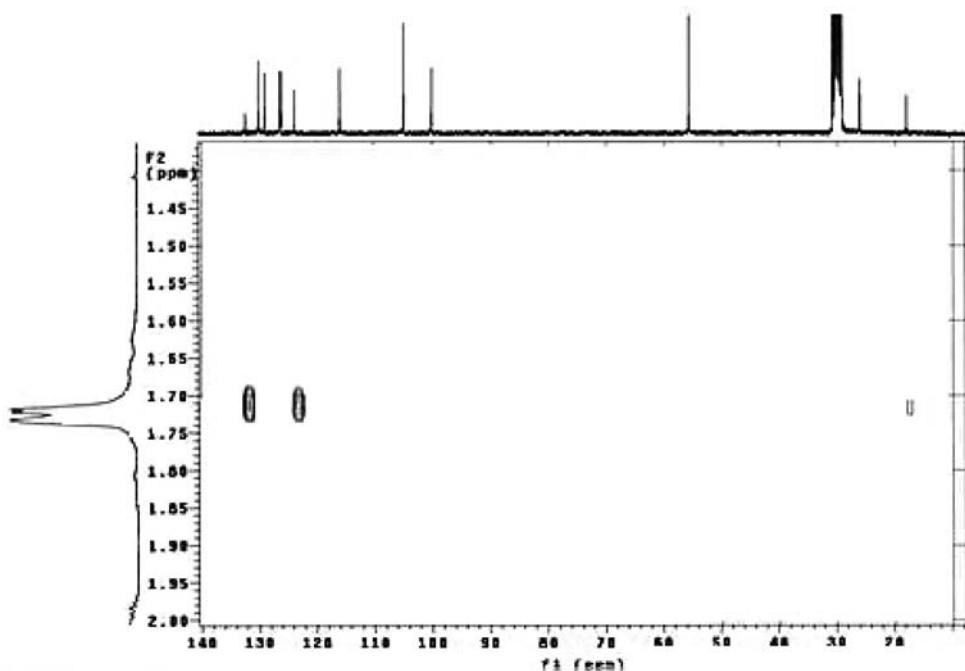


Figure S6. HMBC NMR experiment of the compound **2** (expansion 2).

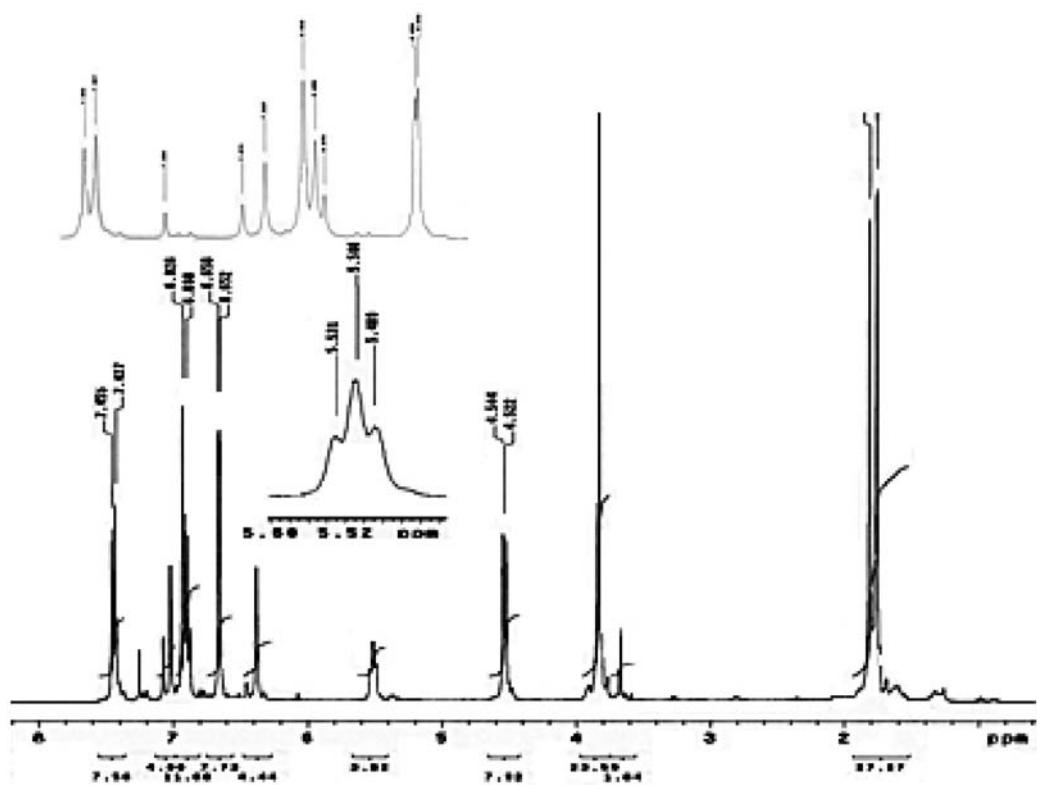


Figure S7. ^1H NMR spectrum (in CDCl_3 , 300 MHz) of the compound **4** isolated from leaves of *Deguelia rufescens* var. *urucu*.

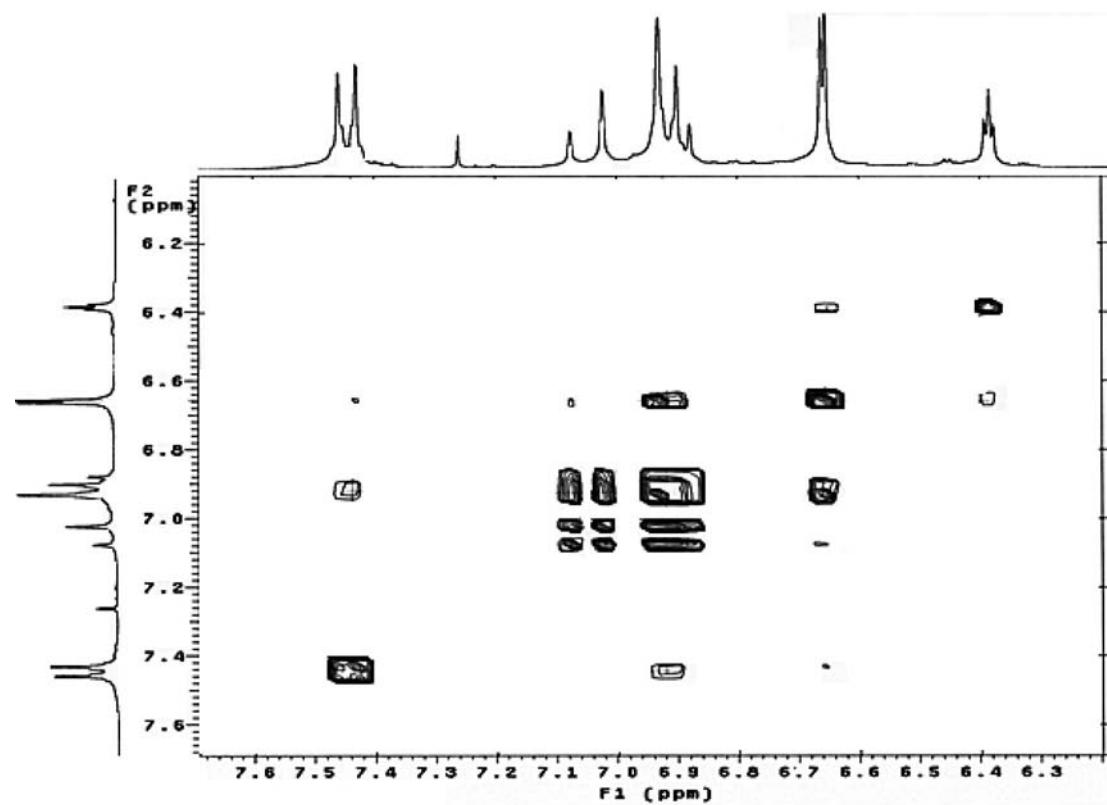


Figure S8. COSY ^1H - ^1H NMR experiment (in CDCl_3 , 300 MHz) of the compound **4** isolated from leaves of *Deguelia rufescens* var. *urucu*.

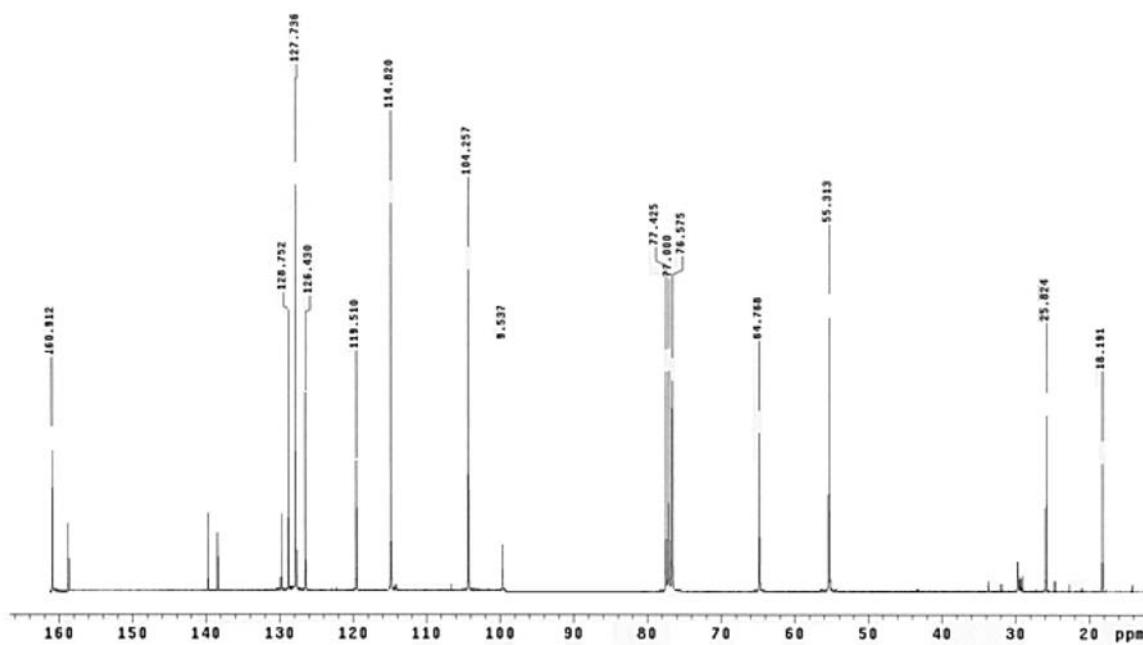


Figure S9. ^{13}C NMR spectrum (in CDCl_3 , 75 MHz) of the compound **4** isolated from leaves of *Deguelia rufescens* var. *urucu*.

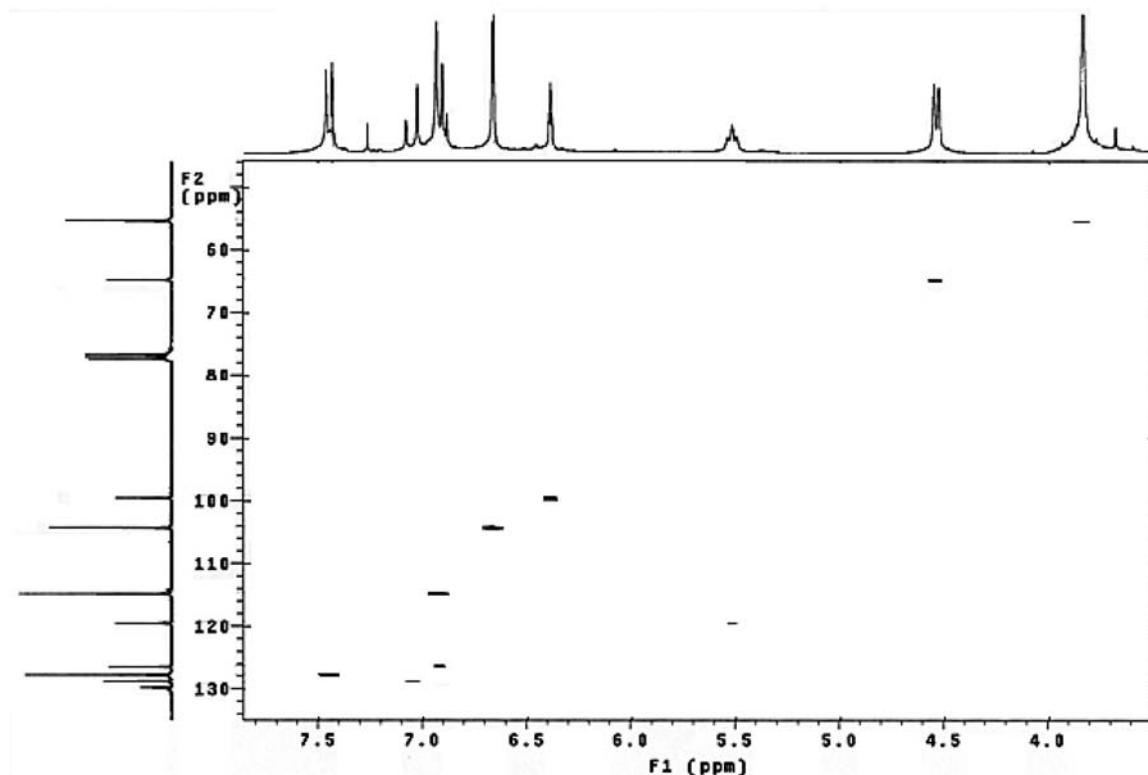


Figure S10. HETCOR NMR experiment (in CDCl_3 , 300×75 MHz) of the compound 4 isolated from leaves of *Deguelia rufescens* var. *urucu*.

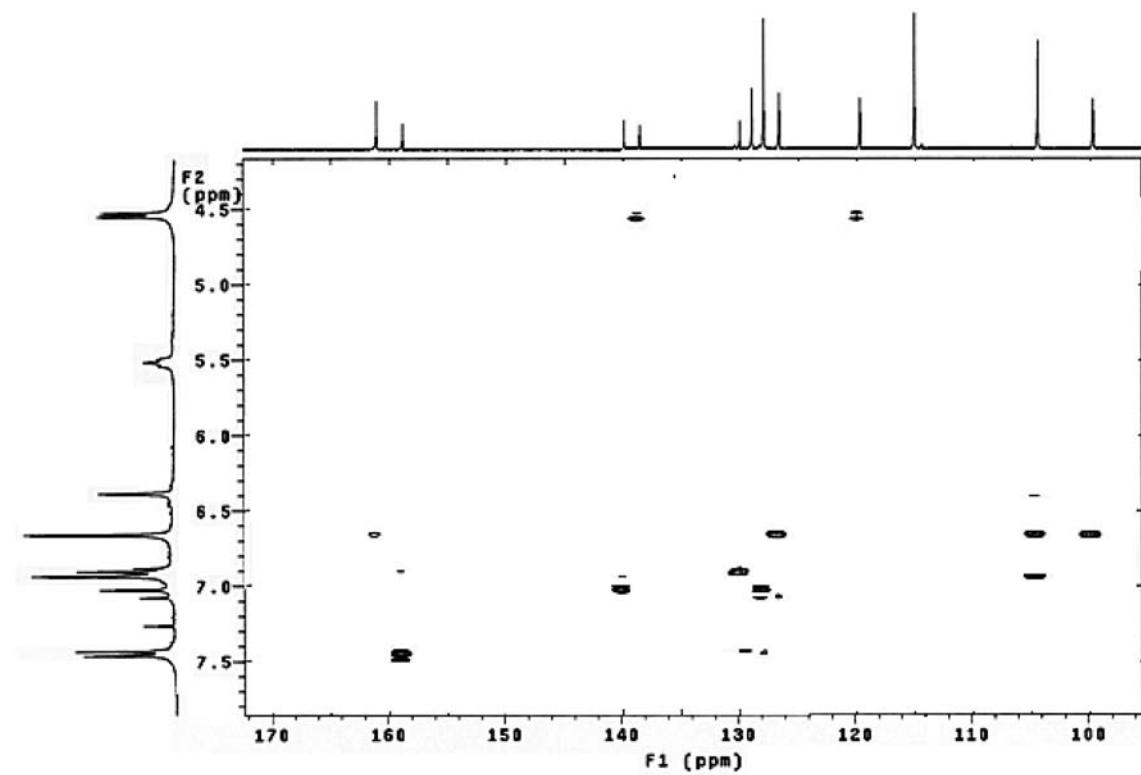


Figure S11. HMBC NMR experiment (in CDCl_3 , 300×75 MHz) of the compound 4 isolated from leaves of *Deguelia rufescens* var. *urucu*.

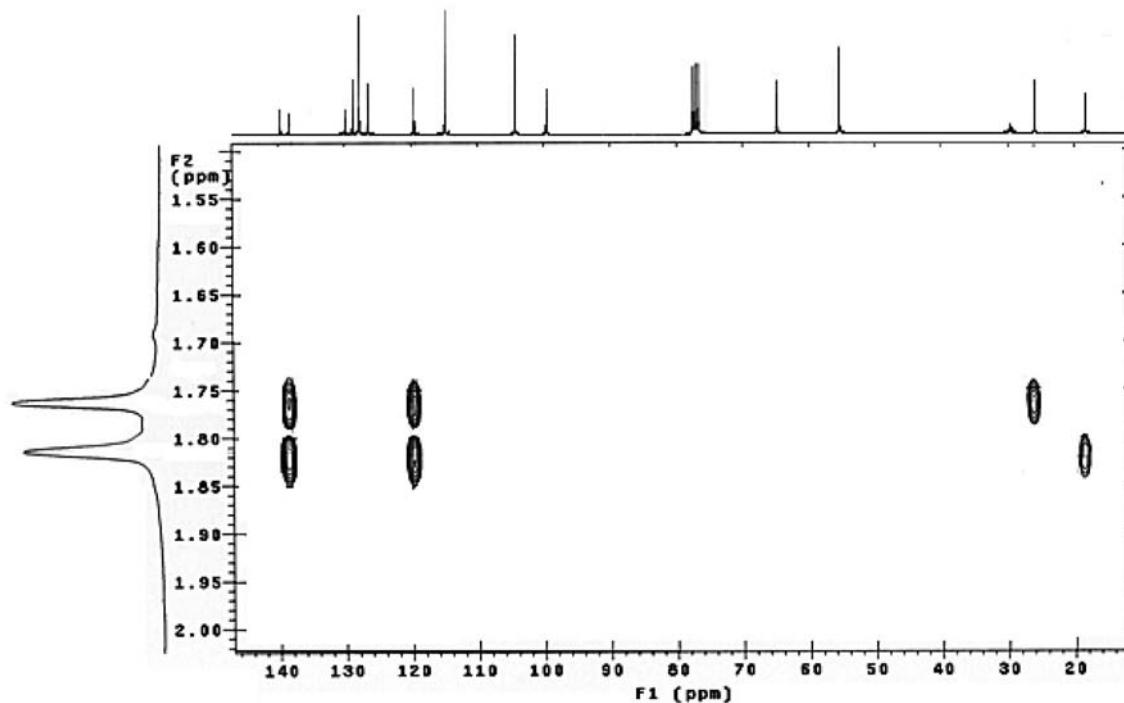


Figure S12. HMBC NMR experiment of the compound 4 (expansion 1).

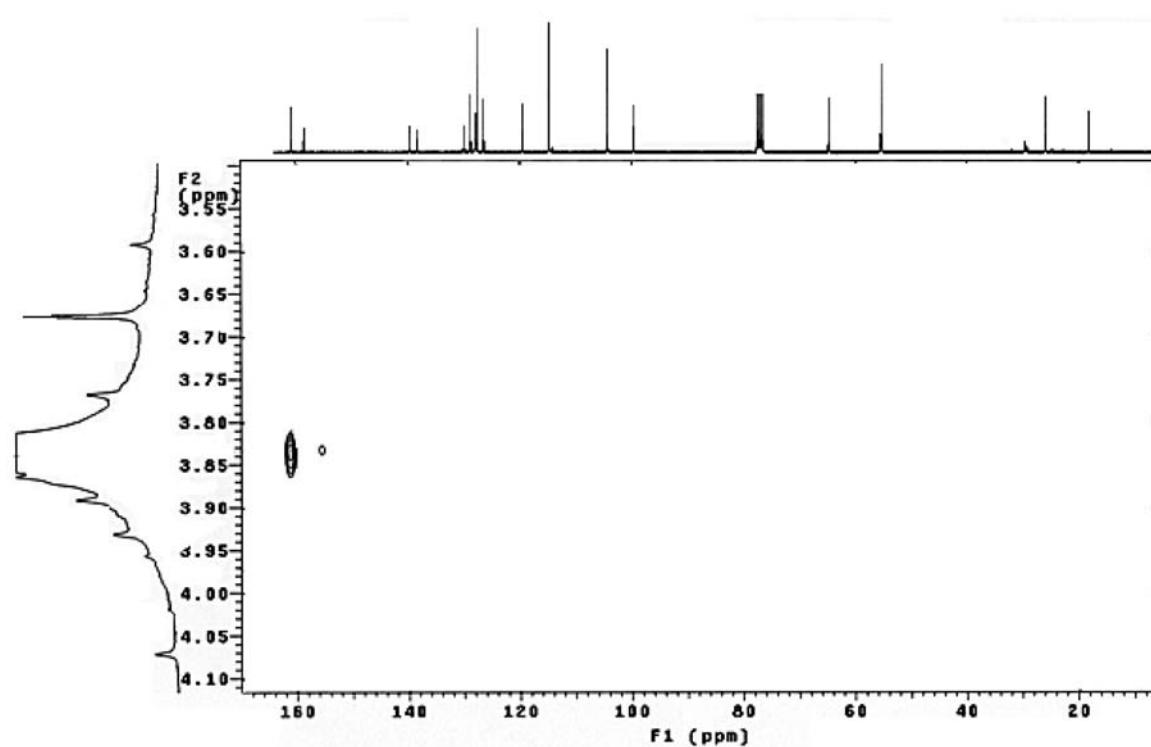


Figure S13. HMBC NMR experiment of the compound 4 (expansion 2).