

New Isoflavone Derivative and others Flavonoids from the Resin of *Amburana cearensis*

Paulo N. Bandeira,^{*,a} Silvana S. de Farias,^a Telma L. G. Lemos,^b Raimundo Braz-Filho,^c Hélcio S. Santos,^a Maria R. J. R. Albuquerque^a and Sônia M. O. Costa^d

^aLaboratório de Química Orgânica, Universidade Estadual Vale do Acaraú,
62040-370 Sobral-CE, Brazil

^bDepartamento de Química Orgânica e Inorgânica, Universidade Federal do Ceará,
60451-970 Fortaleza-CE, Brazil

^cLaboratório de Ciências Químicas, CCT, Universidade Estadual do Norte Fluminense Darcy
Ribeiro, 28013-602 Campos-RJ, Brazil

^dDepartamento de Física e Química, Universidade Estadual do Ceará,
60749-000 Fortaleza-CE, Brazil

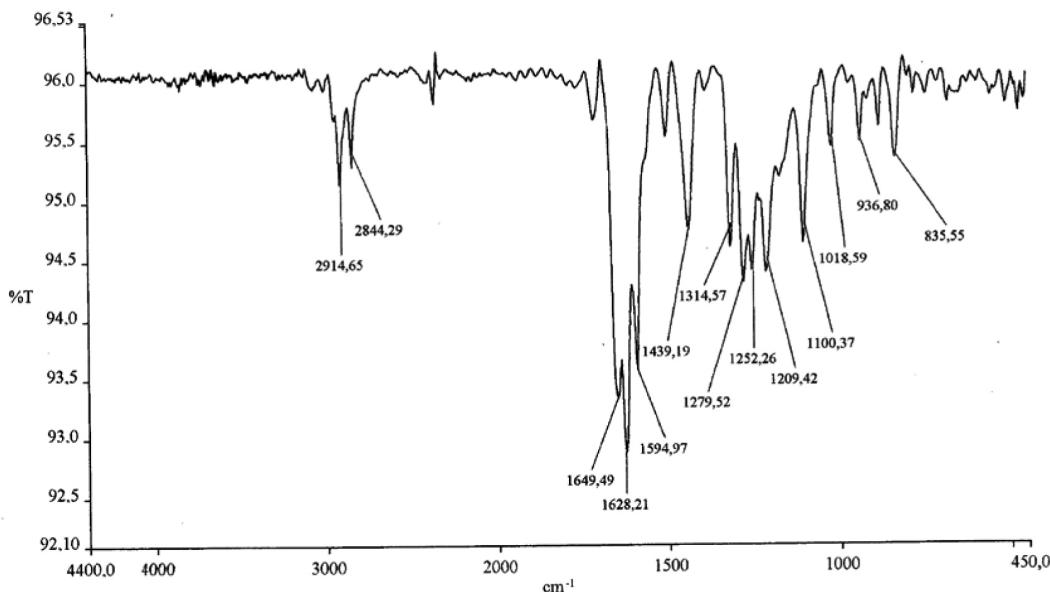


Figure S1. Infrared spectrum of compound 1 (KBr pellets).

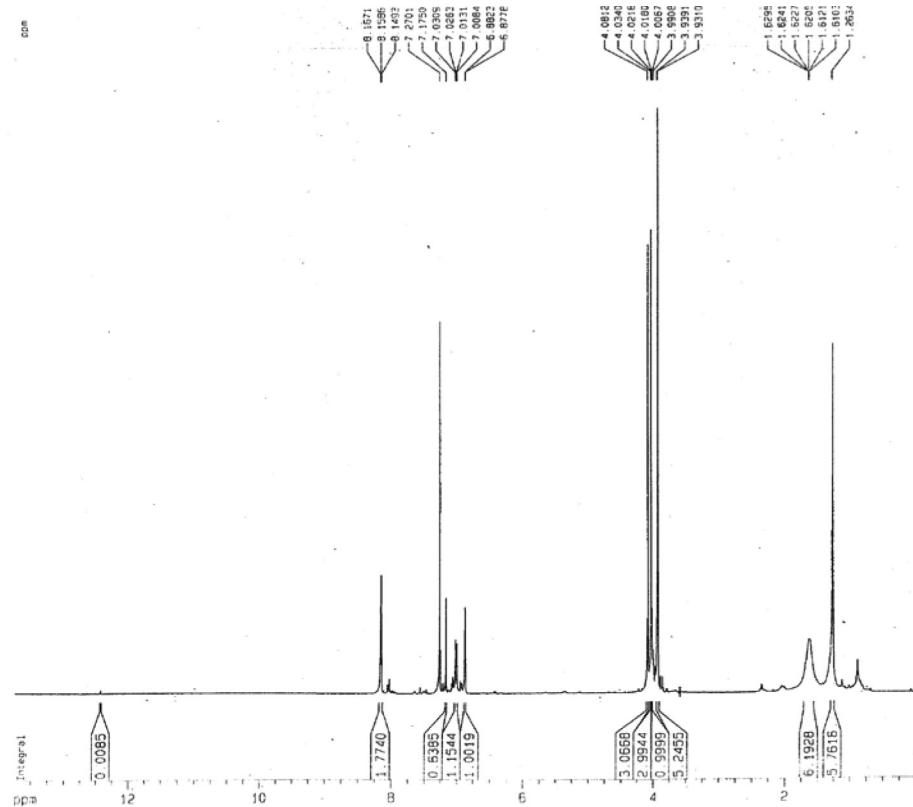


Figure S2. ^1H NMR spectrum of **1** (500 MHz, CDCl_3).

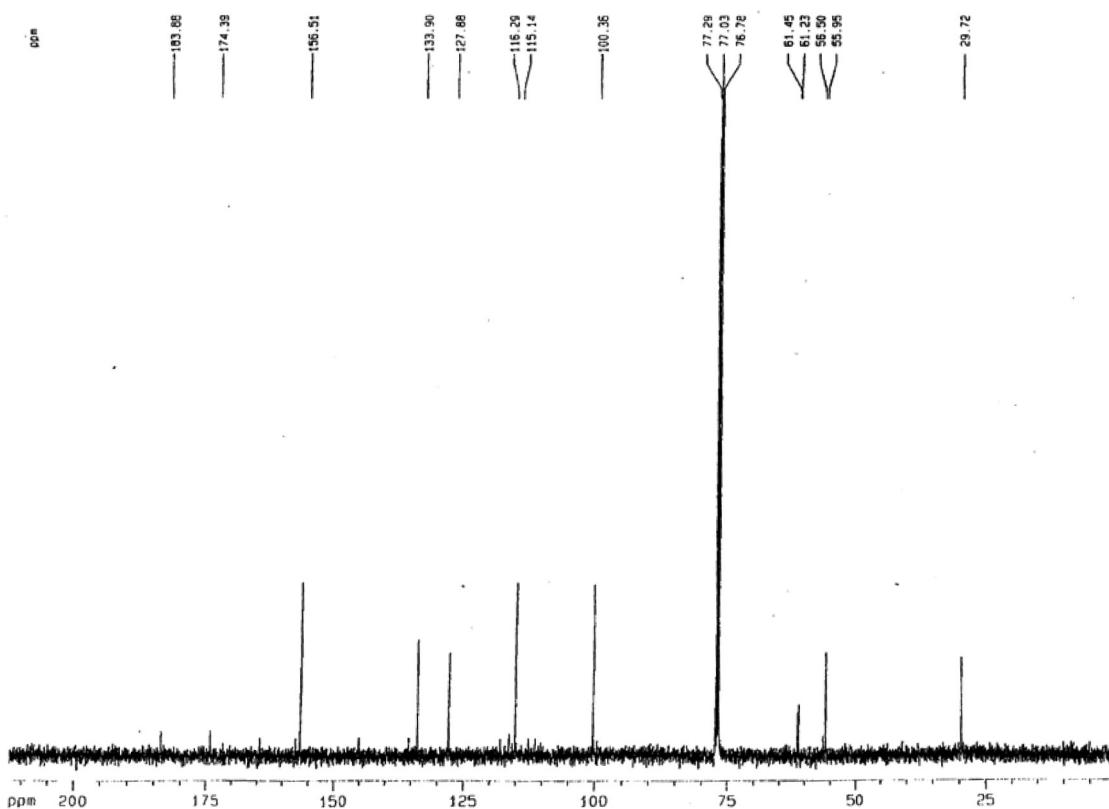


Figure S3. ^{13}C NMR spectrum of **1** (125 MHz, CDCl_3).

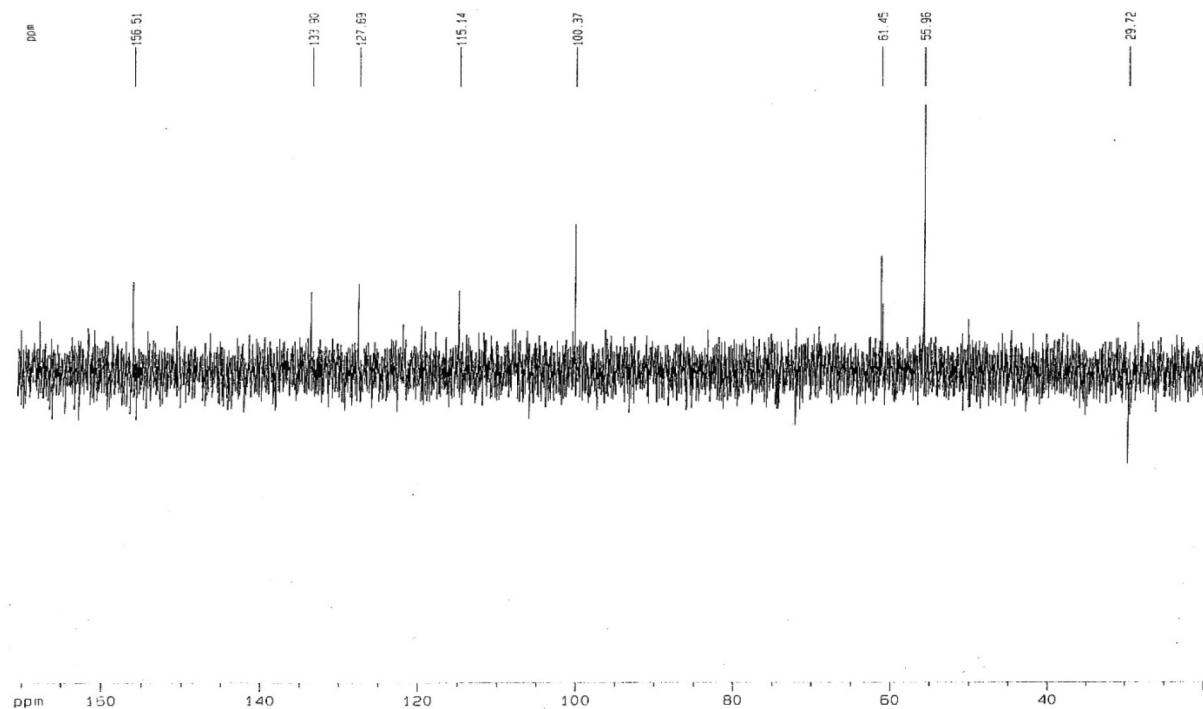


Figure S4. ^{13}C NMR-DEPT 135° of **1**.

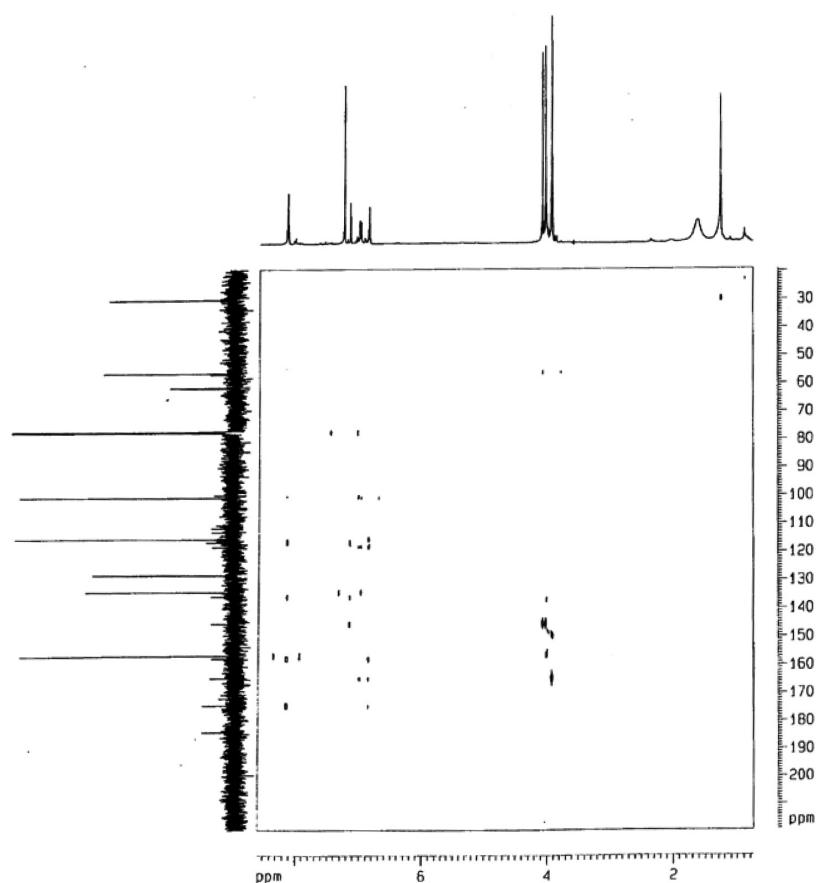


Figure S5. ^1H , ^{13}C HMBC-NMR spectrum of **1** (500 MHz, CDCl_3).

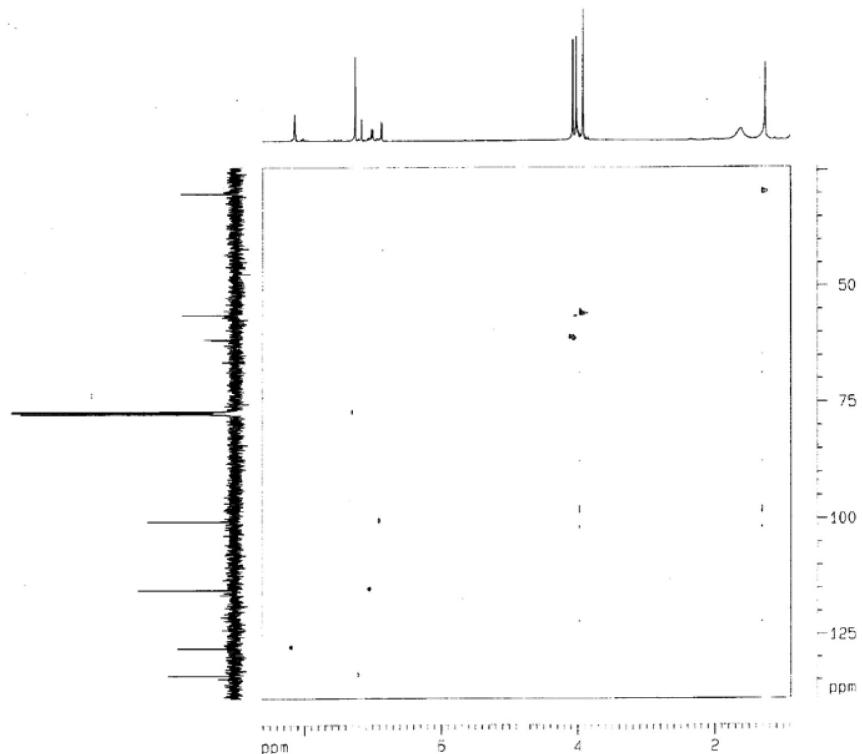


Figure S6. ¹H, ¹³C HMQC-NMR of **1** (500 MHz, CDCl₃).

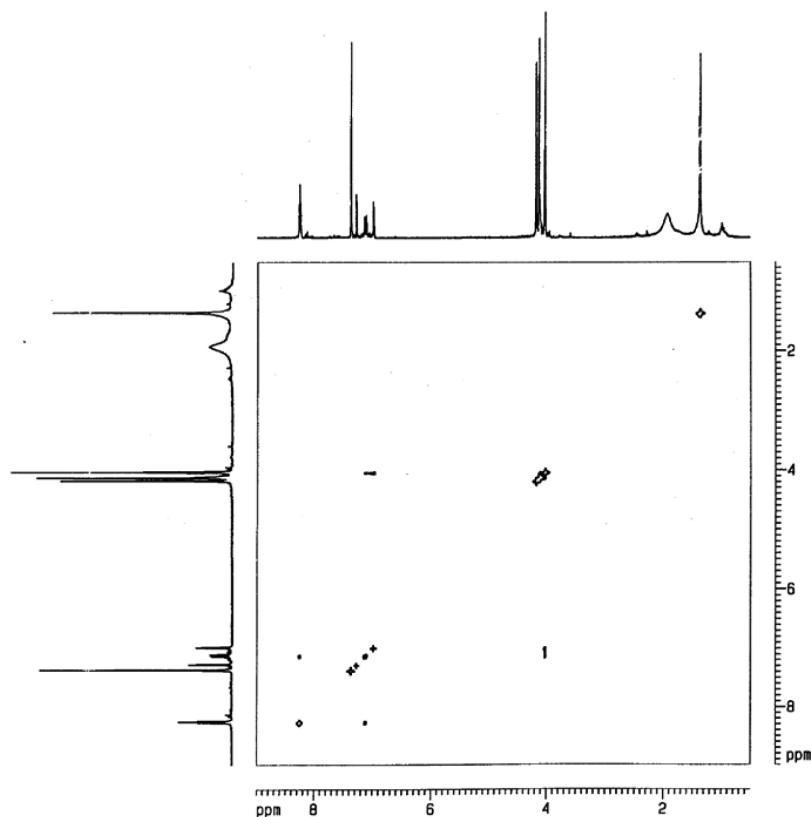


Figure S7. ¹H, ¹H NOESY-NMR spectrum of **1** (500 MHz, CDCl₃).

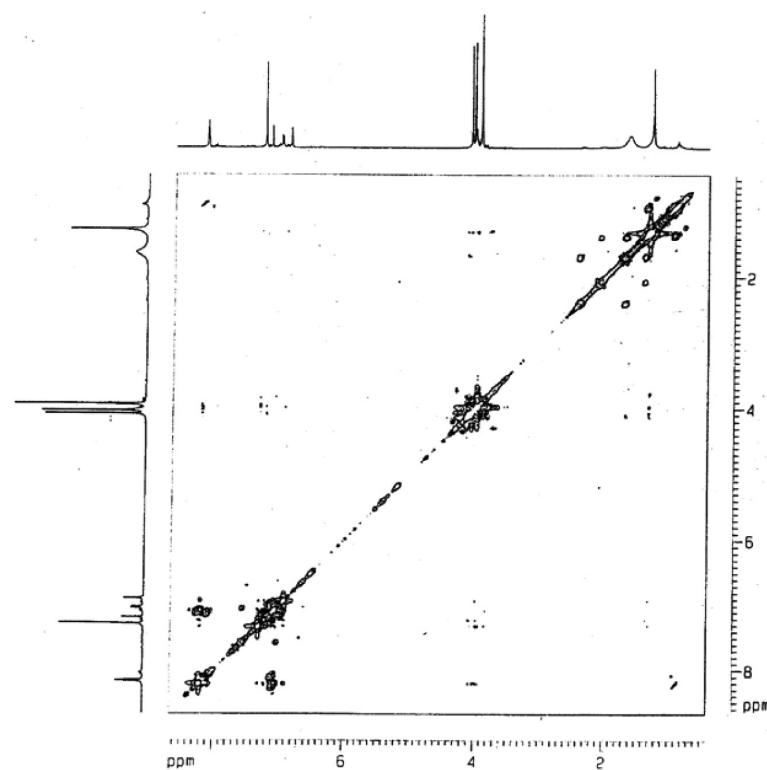


Figure S8. ^1H , ^1H COSY-NMR spectrum of **1** (500 MHz, CDCl_3).

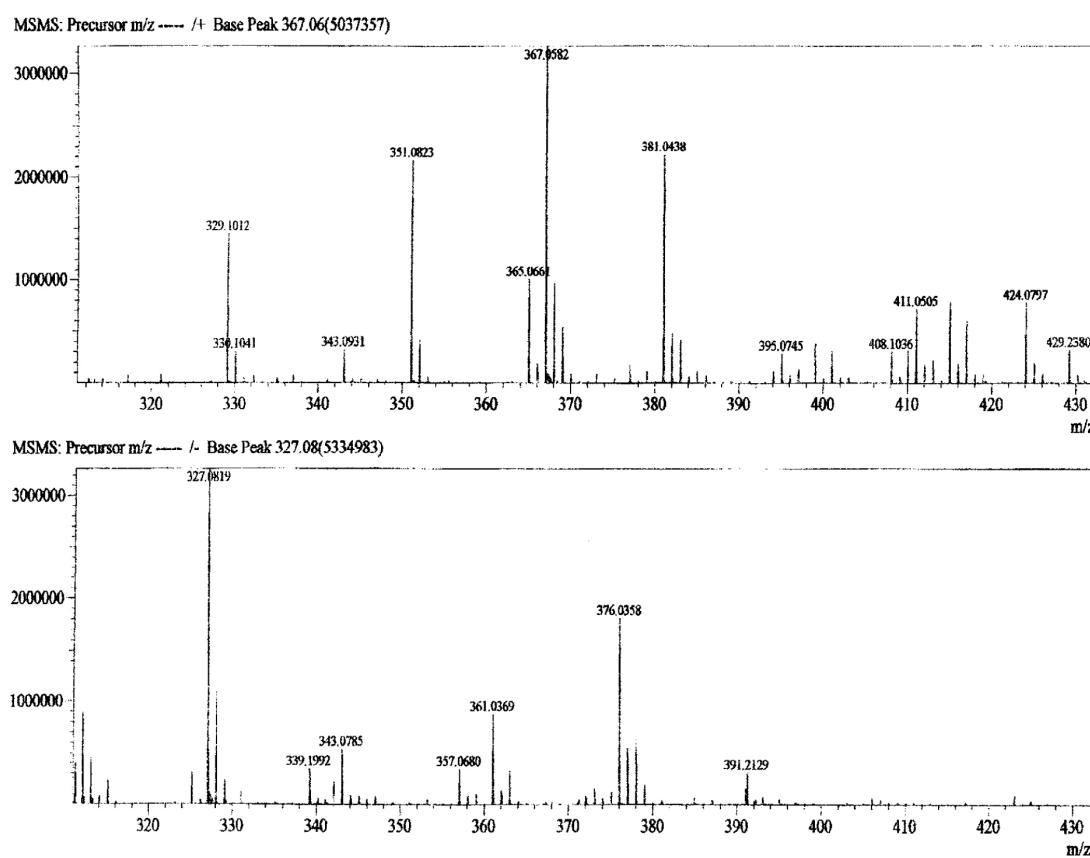


Figure S9. High resolution electrospray ionization mass spectrum of **1**.

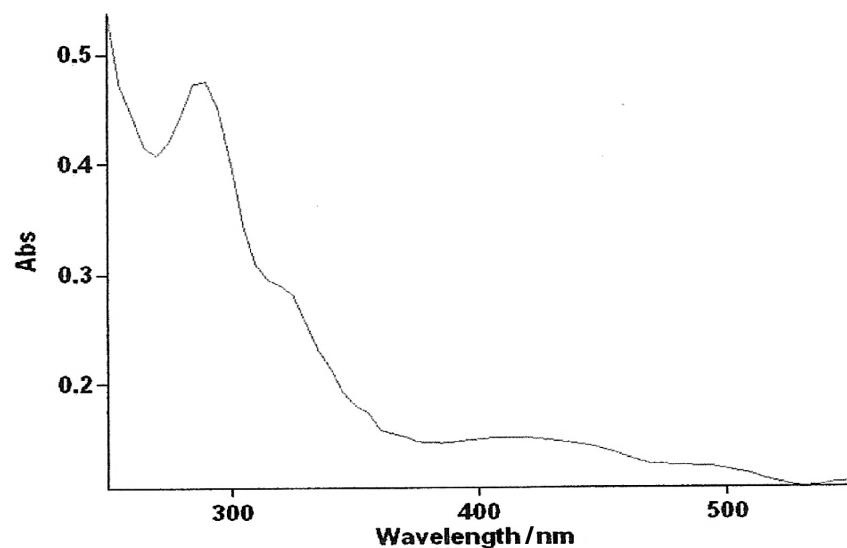


Figure S10. Ultraviolet spectrum of compound **1** (CH_2Cl_2).