

Supplementary Information

New *neo*-Clerodanes from *Tinnea antiscorbutica* Welw.

Cristina M. P. Borges,^a Dina I. M. D. de Mendonça,^{*b} Sandra C. S. Pinheiro,^b
Liliana Vieira,^b António J. G. Mendonça,^c Jorge F. Gaspar,^d Célia Martins,^d
Carlos Diakanawma^e and José Rueff^d

^aChemistry Department, Agostinho Neto University, Av. 4 de Fevereiro, No. 7, Luanda, Angola

^bTextile and Paper Materials Center and Chemistry Department, University of Beira Interior,
Rua Marquês d'Ávila e Bolama, 6200-001 Covilhã, Portugal

^cCICS-UBI – Health Sciences Research Centre, University of Beira Interior,
Av. Infante D. Henrique, 6201-506 Covilhã, Portugal

^dDepartment of Genetics, Faculty of Medical Sciences, New University of Lisbon,
1349-008 Lisboa, Portugal

^eBiology Department, Agostinho Neto University, Av. 4 de Fevereiro, No. 7, Luanda, Angola

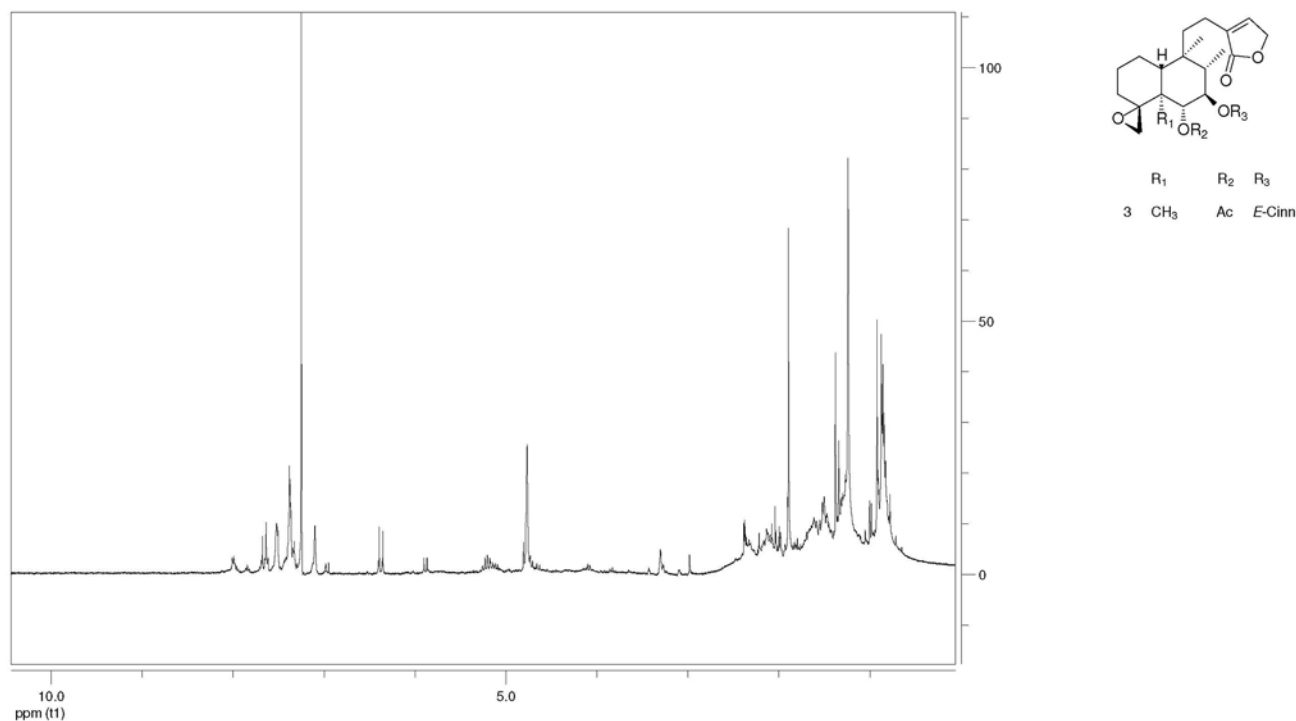


Figure S1. ¹H NMR (600 MHz, CDCl₃) of compound **3**.

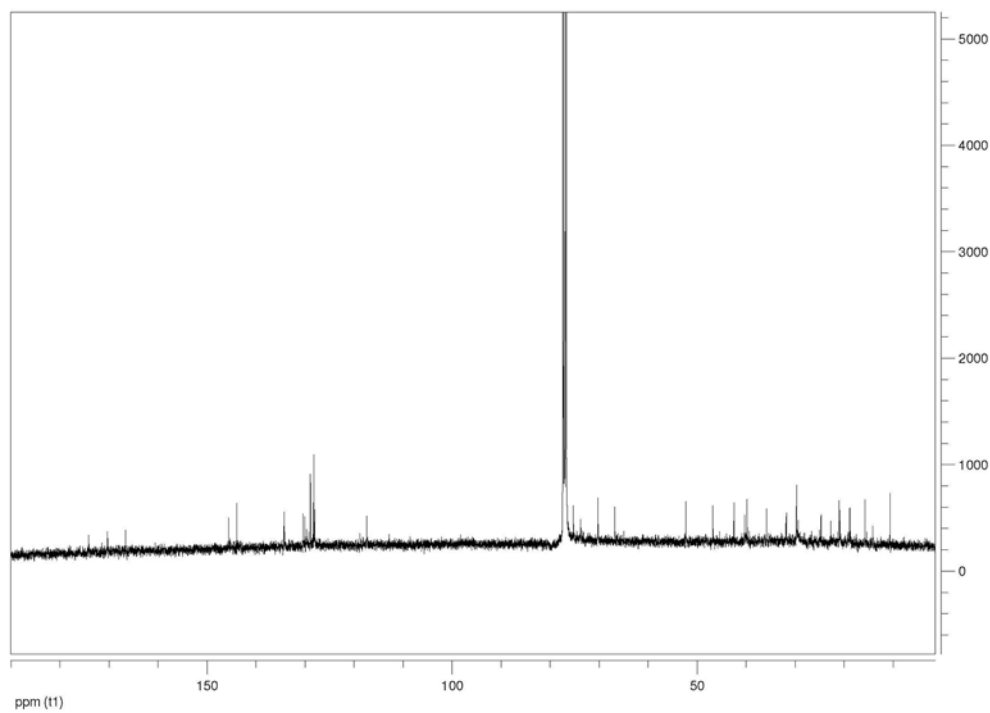


Figure S2. ^{13}C NMR (150.9 MHz, CDCl_3) of compound 3.

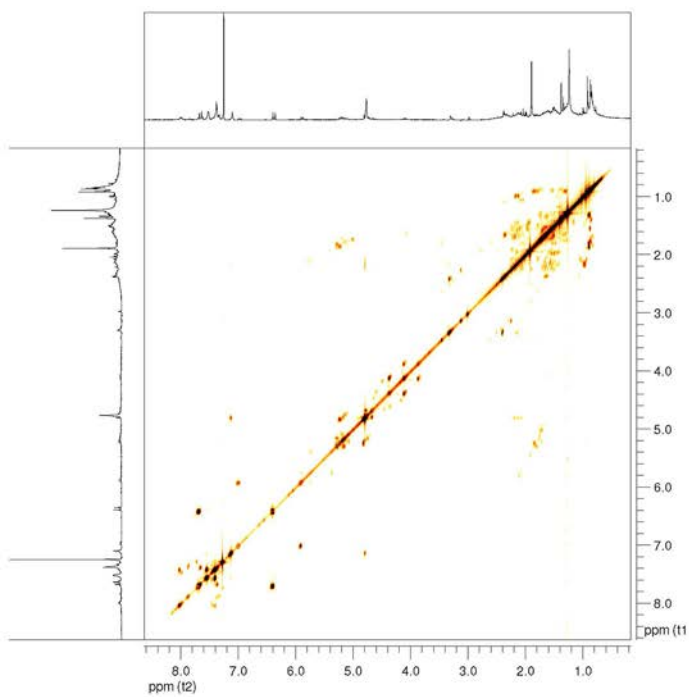
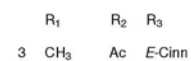
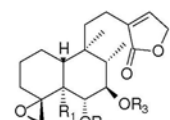


Figure S3. ^1H - ^1H COSY (600 MHz, CDCl_3) of compound 3.



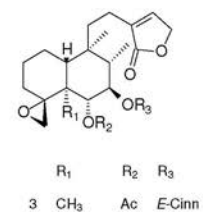
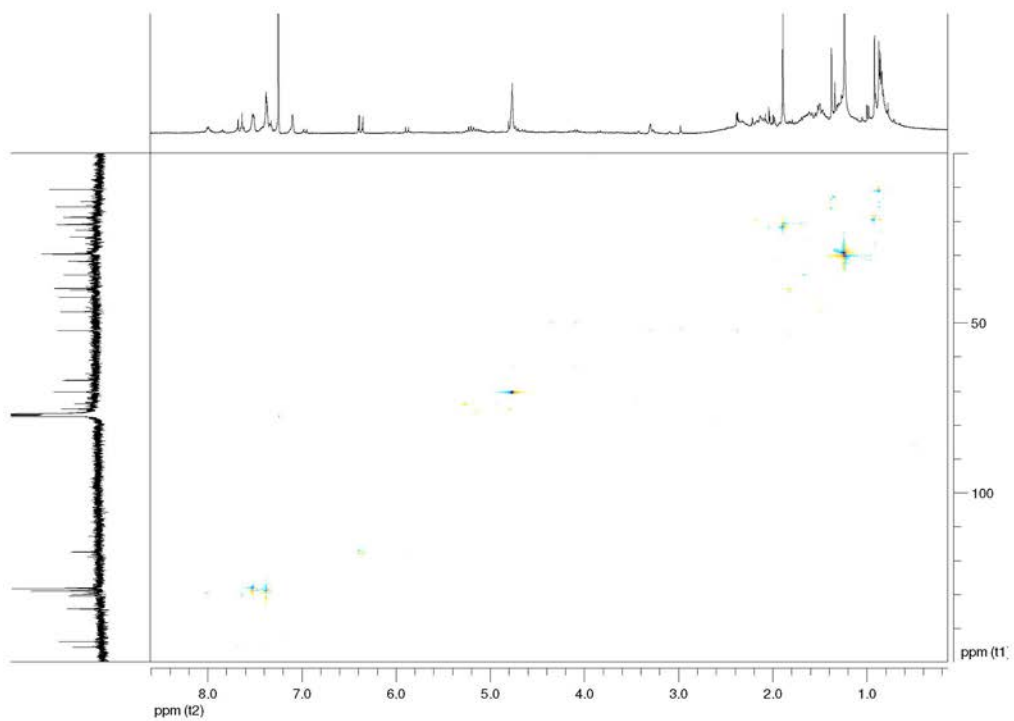


Figure S4. HSQC (600 MHz, CDCl₃) of compound 3.

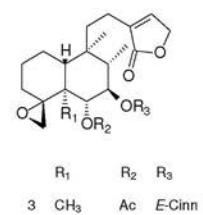
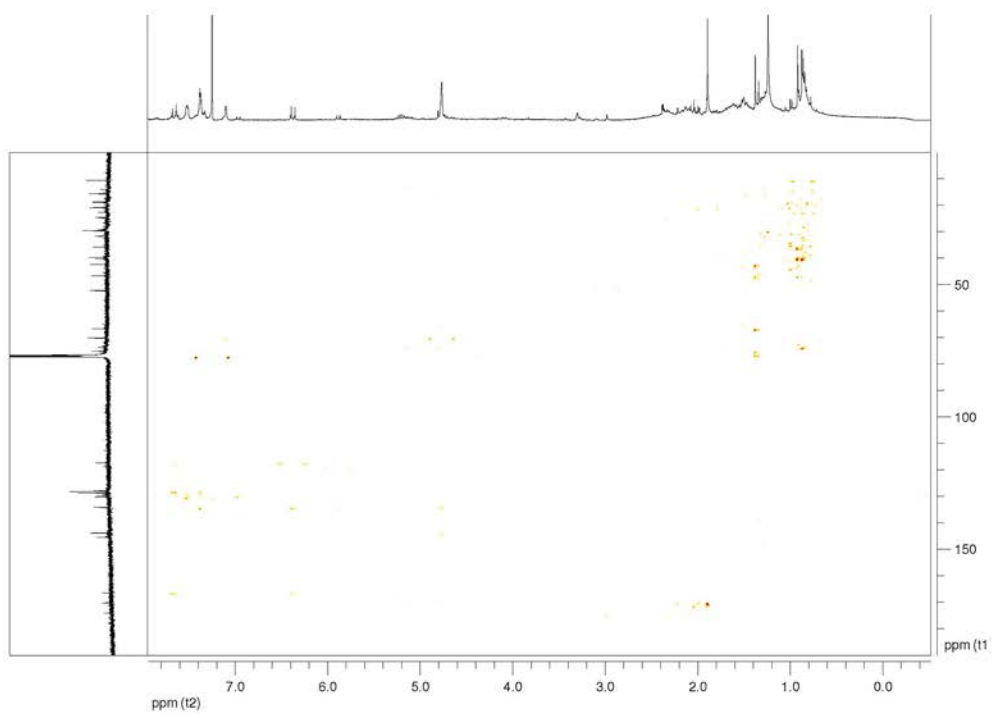


Figure S5. HMBC (600 MHz, CDCl₃) of compound 3.

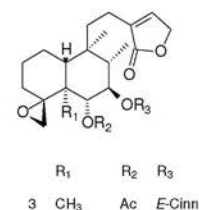
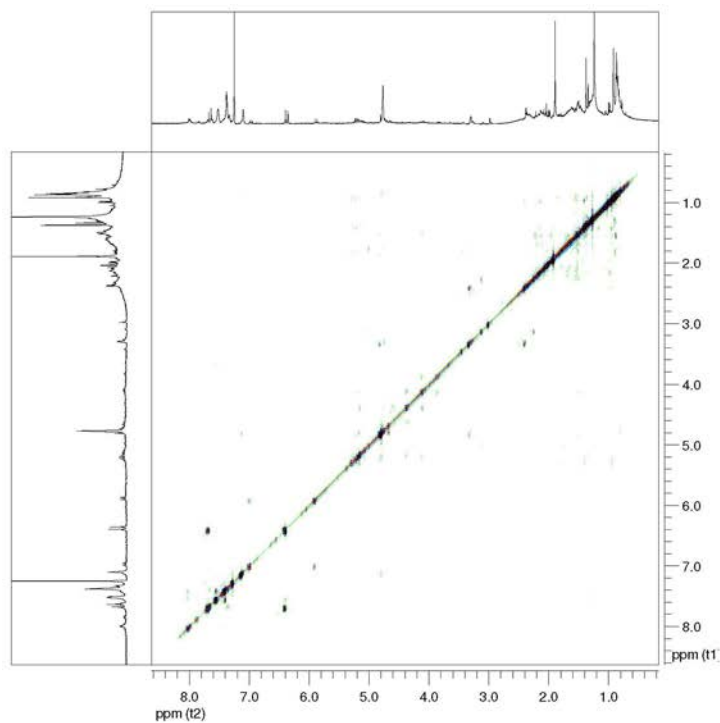
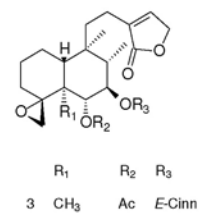
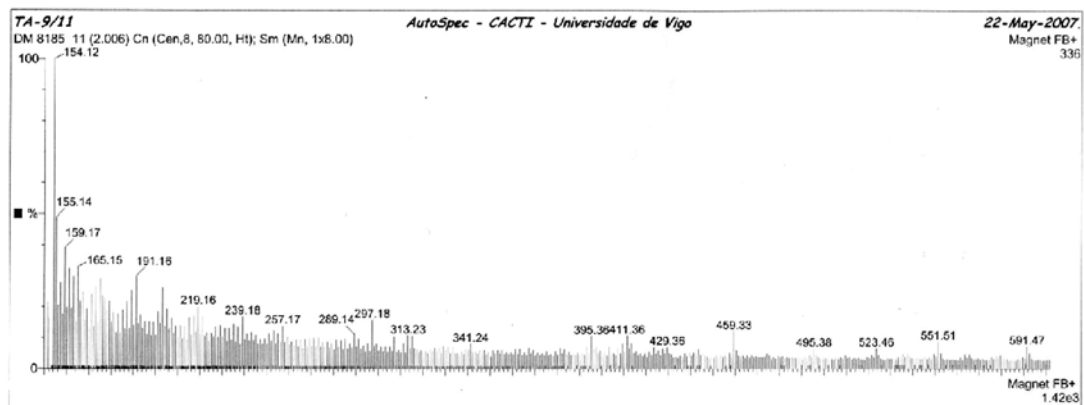
Figure S6. NOESY (600 MHz, CDCl₃) of compound 3.

Figure S7 FAB-MS of compound 3.

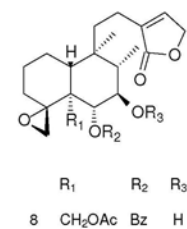
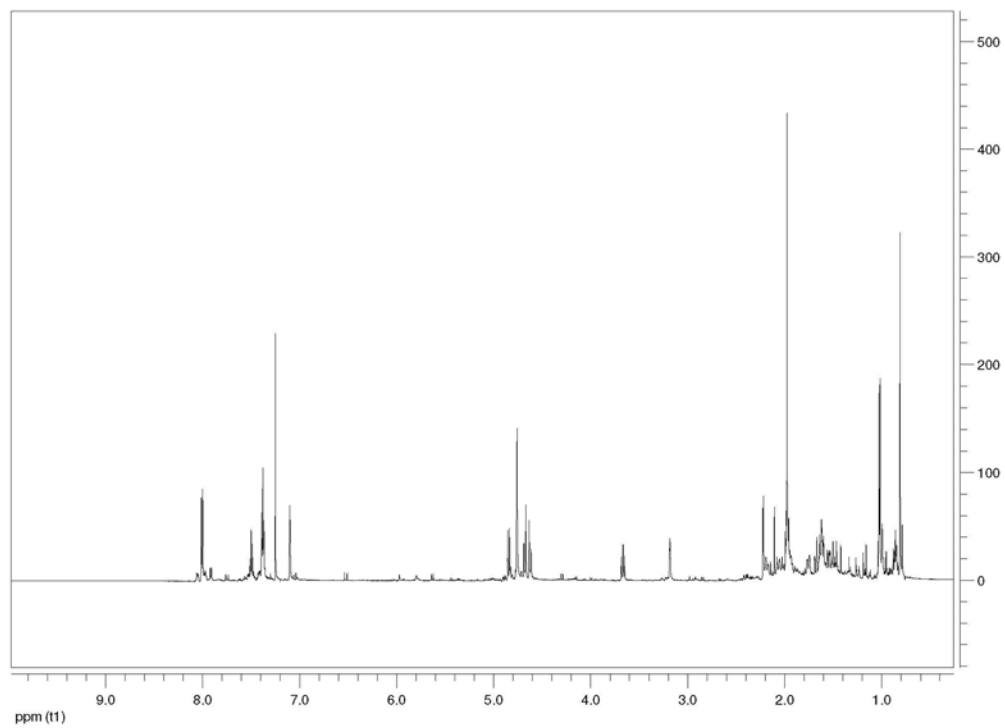


Figure S8. ¹H NMR (600 MHz, CDCl₃) of compound 8.

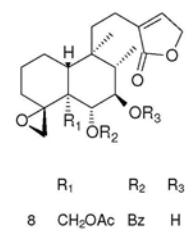
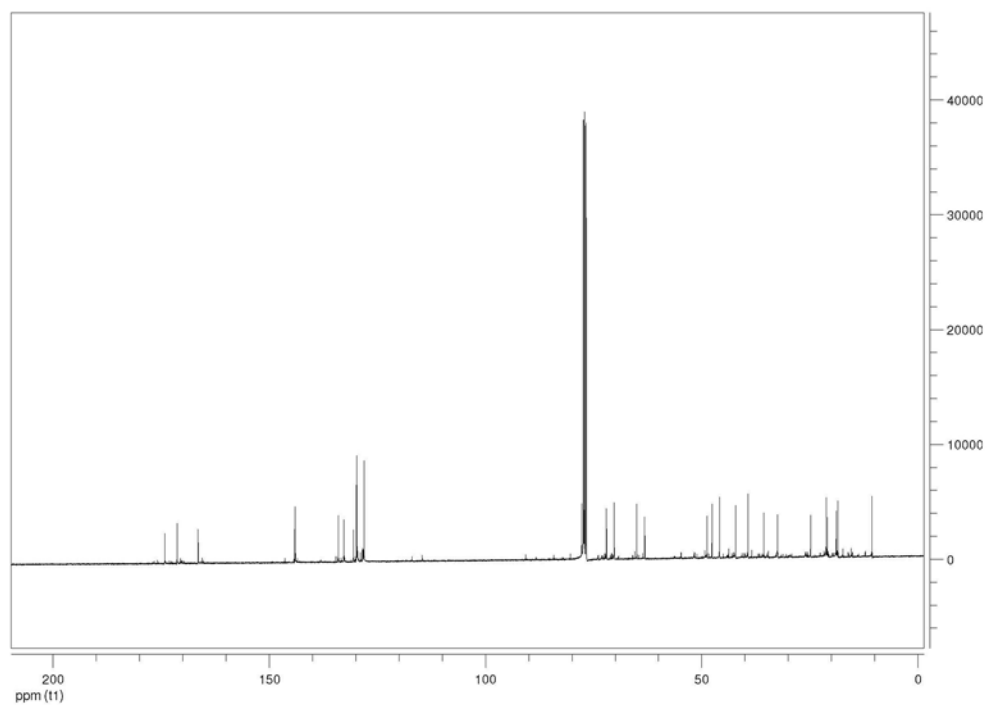


Figure S9. ¹³C NMR (150.9 MHz, CDCl₃) of compound 8.

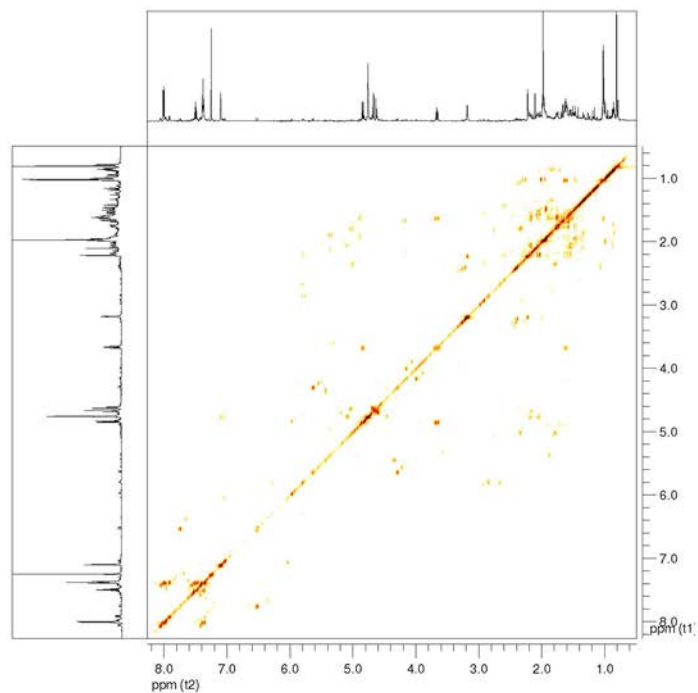


Figure S10. ^1H - ^1H COSY (600 MHz, CDCl_3) of compound **8**.

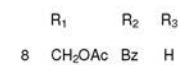
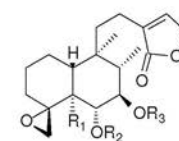
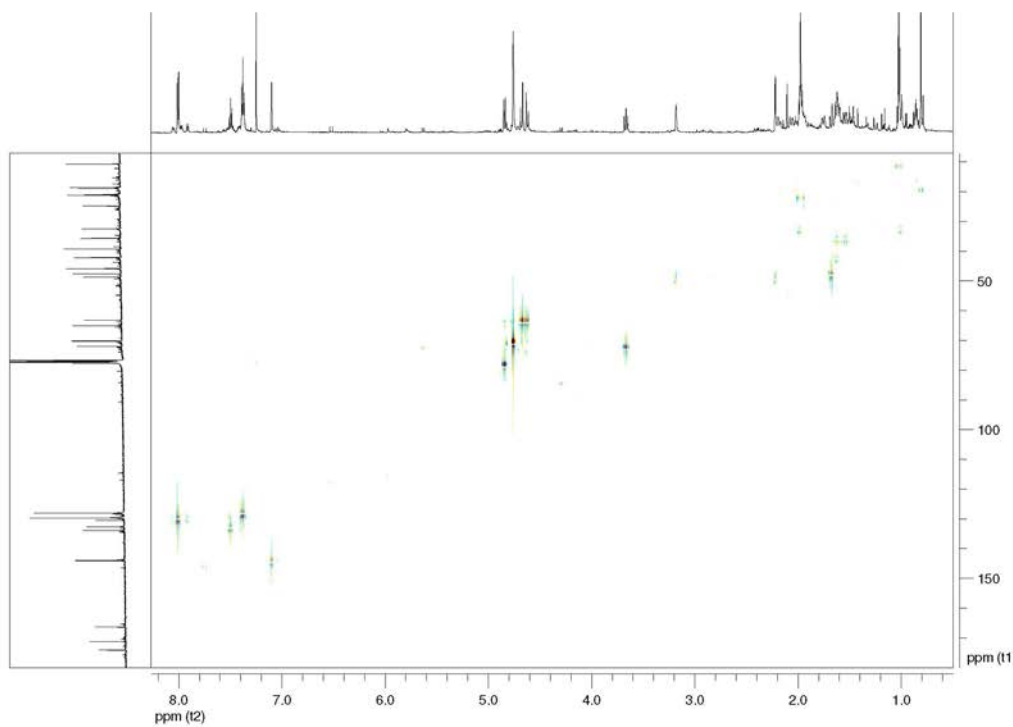
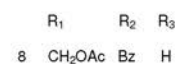
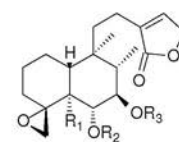
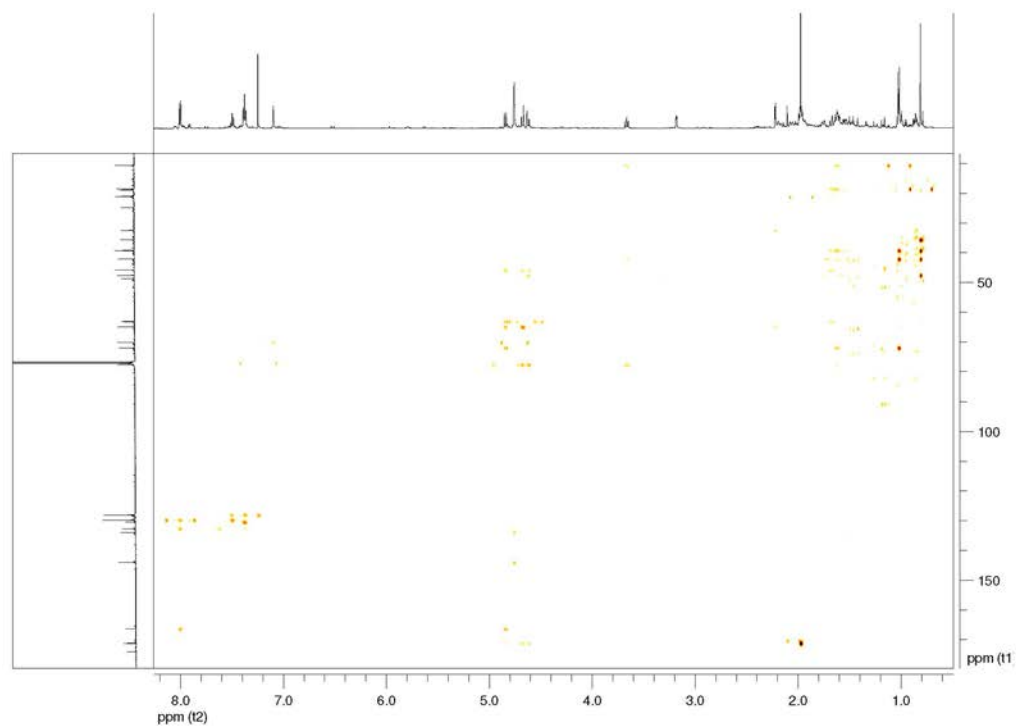
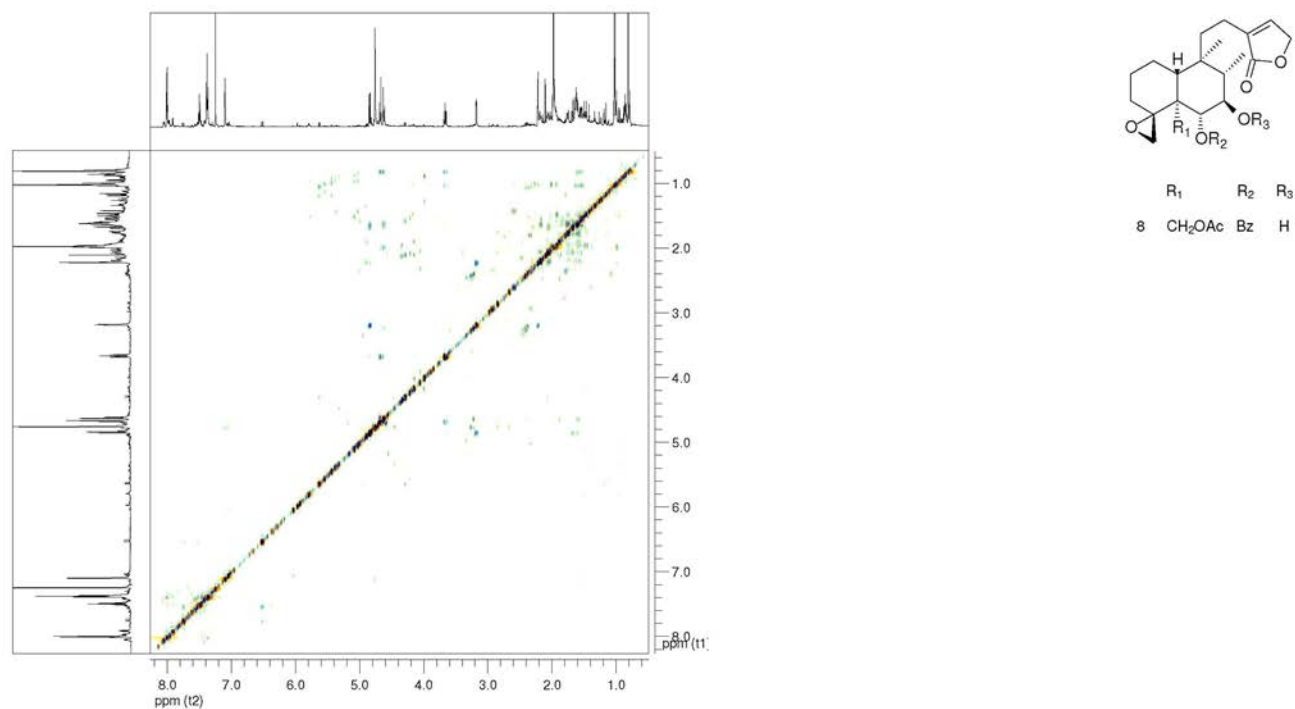
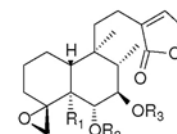
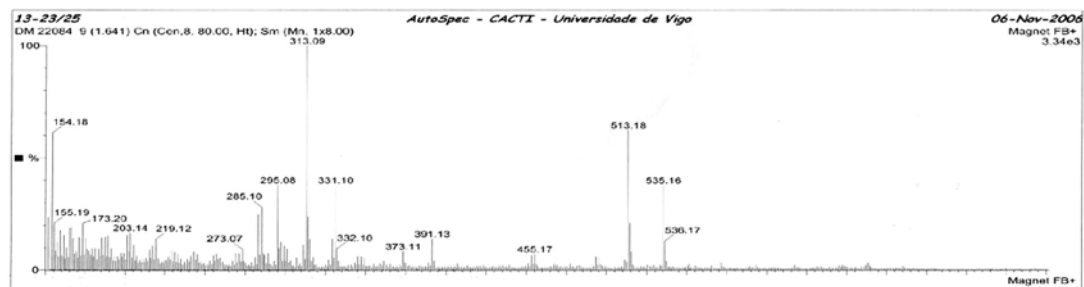


Figure S11. HSQC (600 MHz, CDCl_3) of compound **8**.

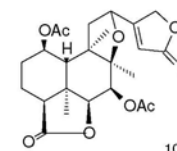
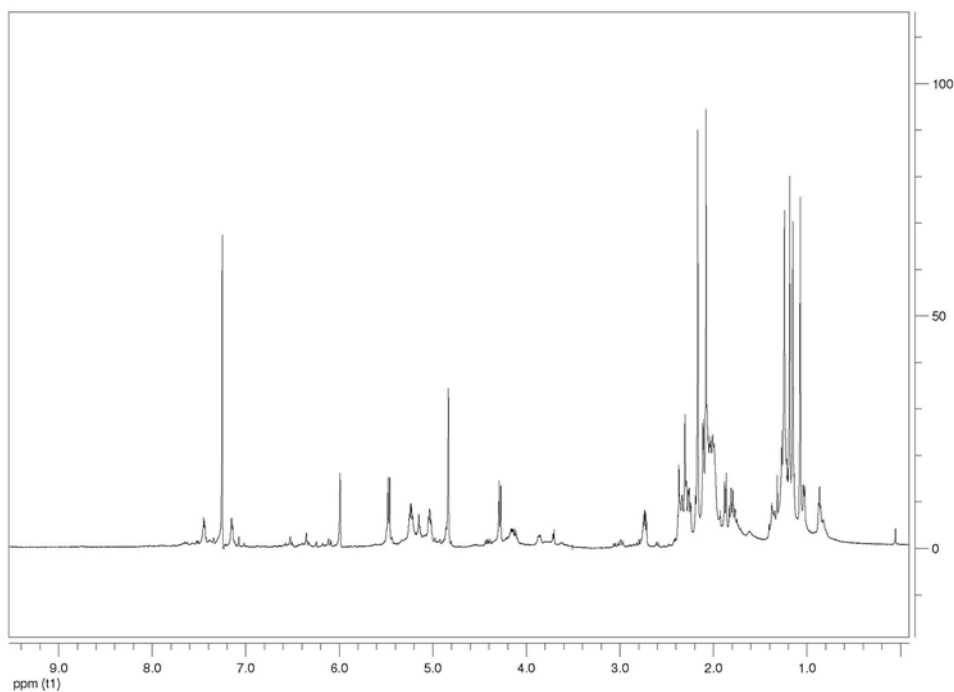
**Figure 12.** HMBC (600 MHz, CDCl₃) of compound 8.**Figure S13.** NOESY (600 MHz, CDCl₃) of compound 8.



R₁ R₂ R₃

8 CH₂OAc Bz H

Figure S14 FAB-MS of compound 8.



10

Figure S15. ¹H NMR (600 MHz, CDCl₃) of compound 10.

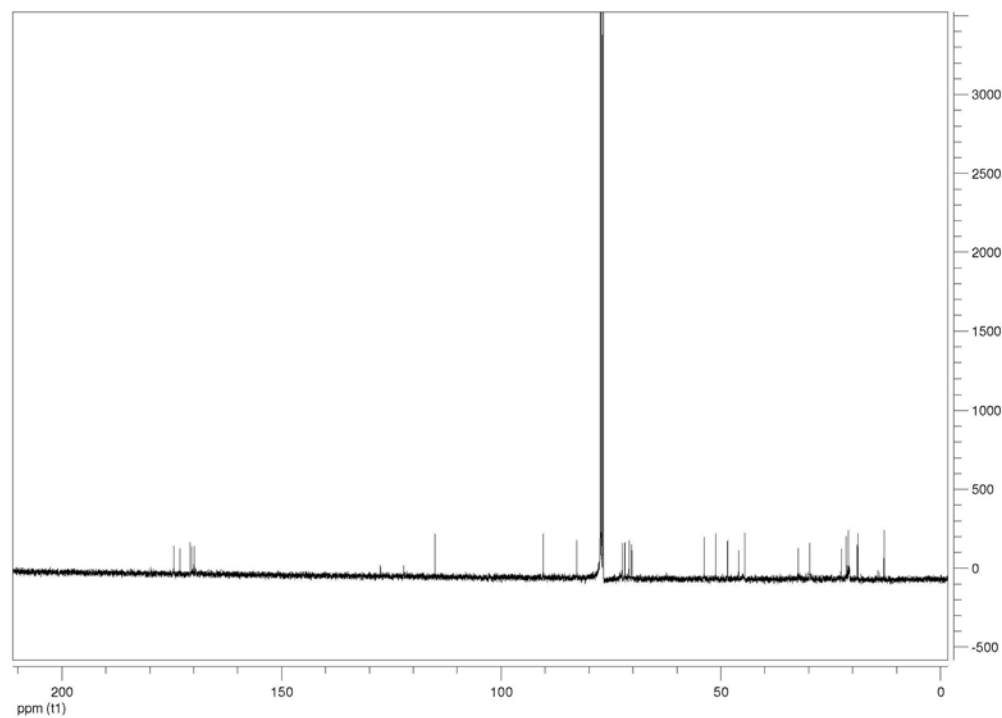


Figure S16. ^{13}C NMR (150.9 MHz, CDCl_3) of compound 10.

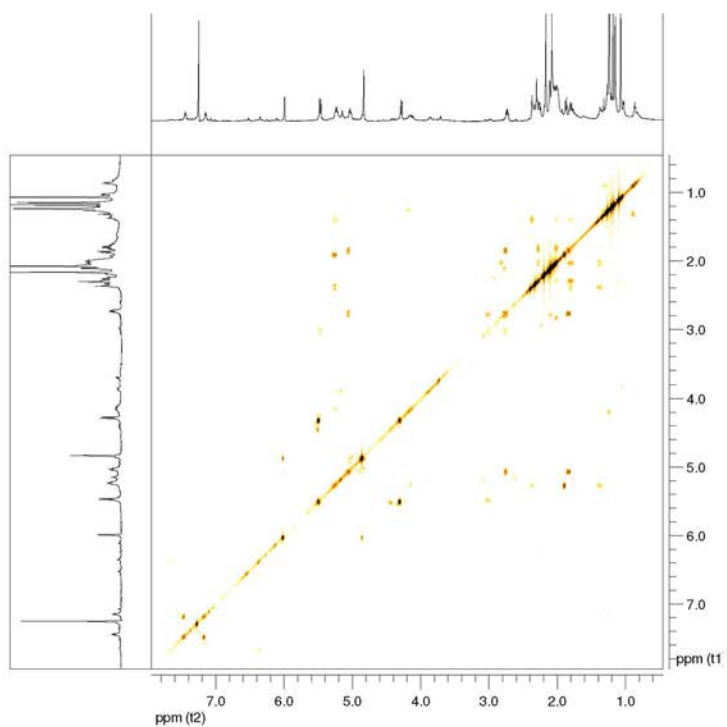


Figure S17. ^1H - ^1H COSY (600 MHz, CDCl_3) of compound 10.

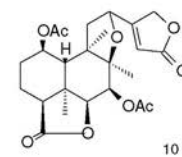
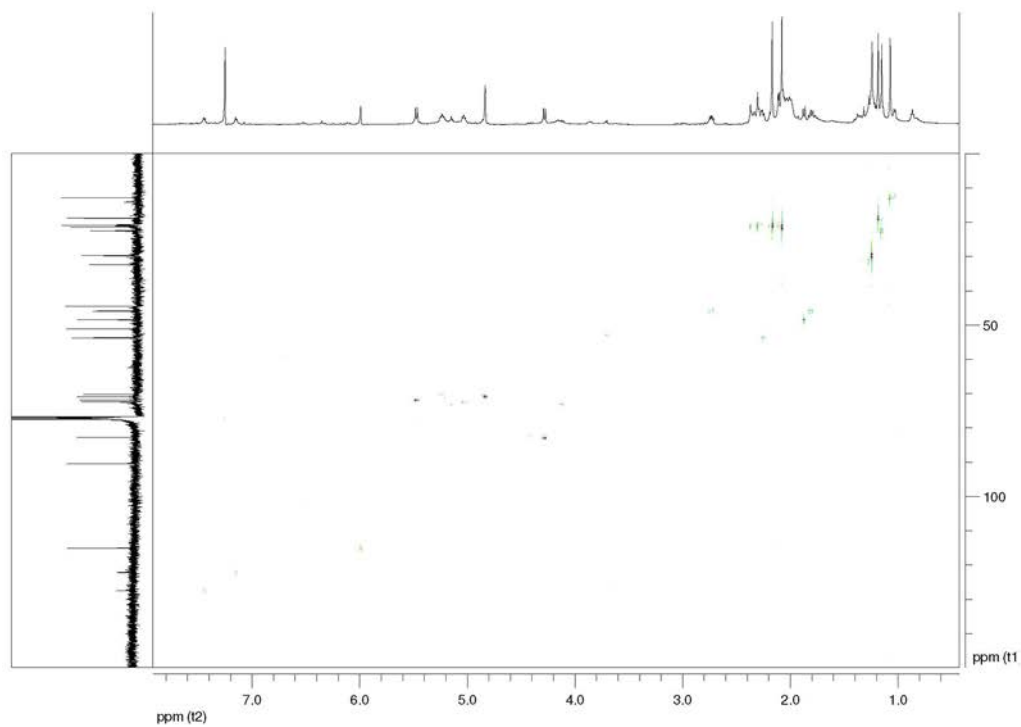


Figure S18. HSQC (600 MHz, CDCl₃) of compound 10.

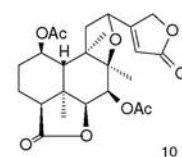
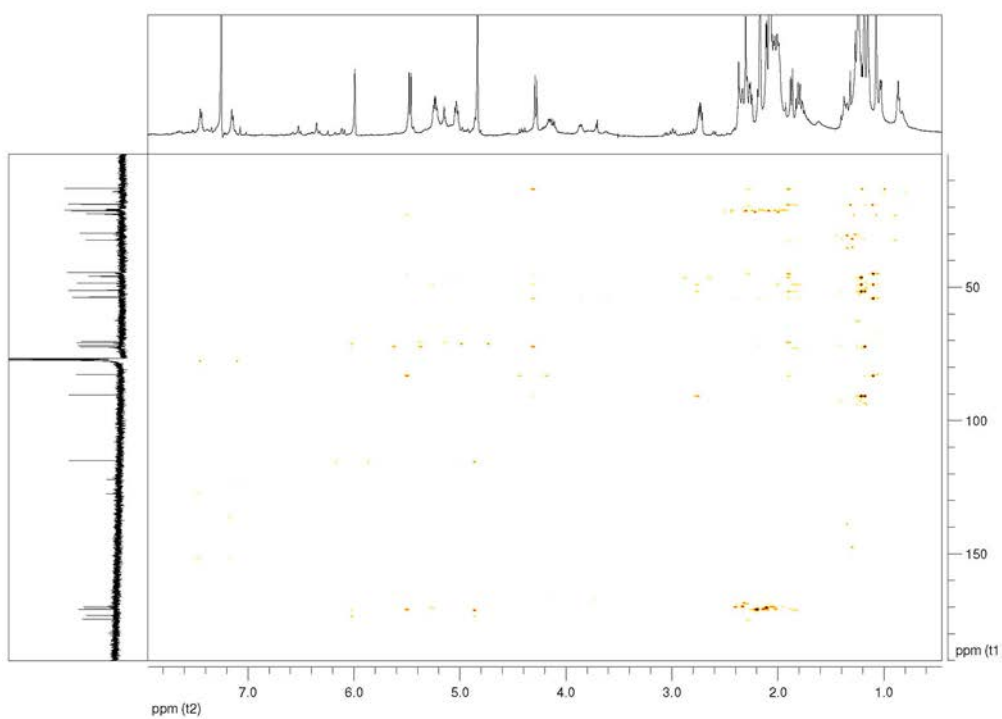


Figure 19. HMBC (600 MHz, CDCl₃) of compound 10.

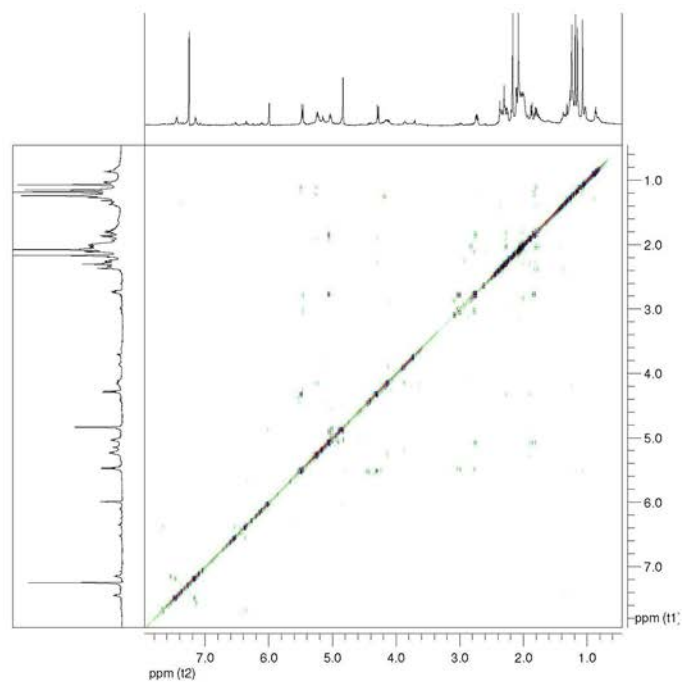


Figure S20. NOESY (600 MHz, CDCl₃) of compound 10.

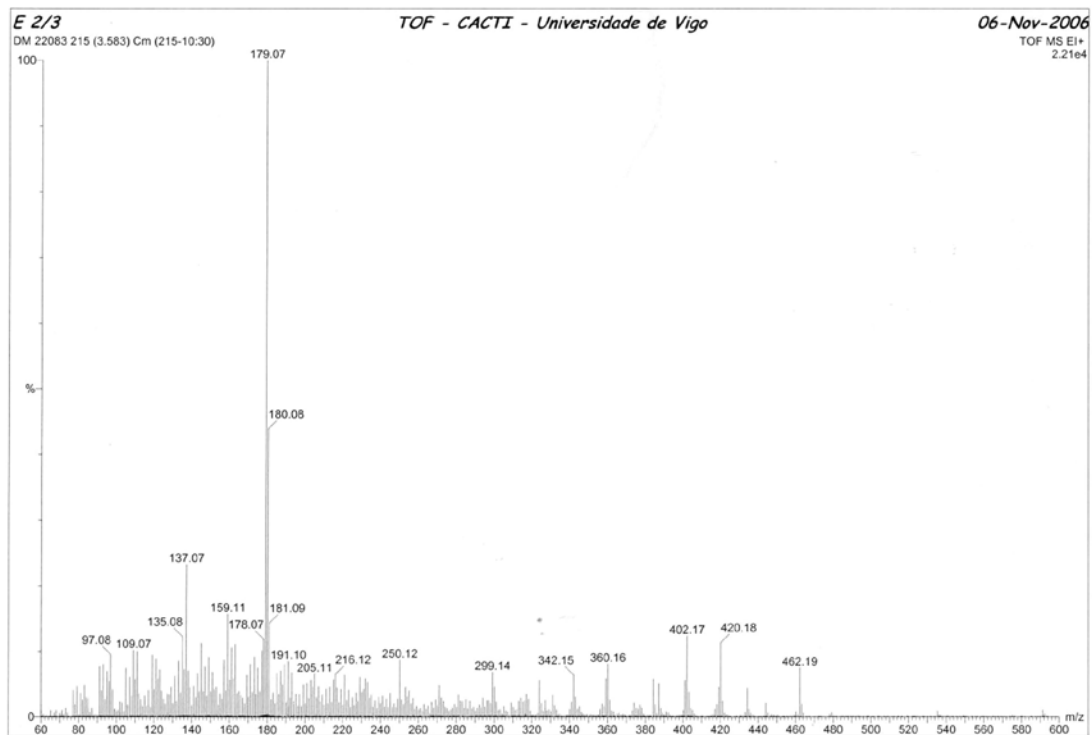


Figure S21 TOF-MS-EI of compound 10.