

Supplementary Materials

Activity of estafietin and analogues on *Trypanosoma cruzi* and *Leishmania braziliensis*

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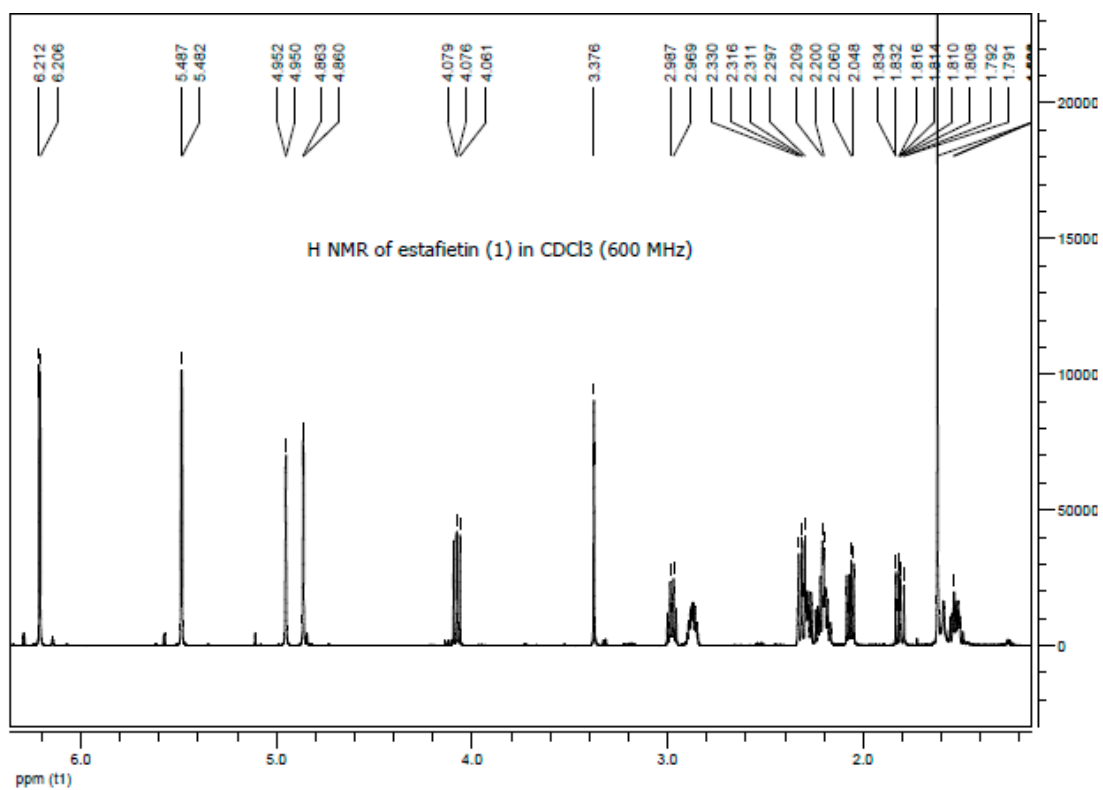


Figure S1. ¹H-NMR of estafietin (1)

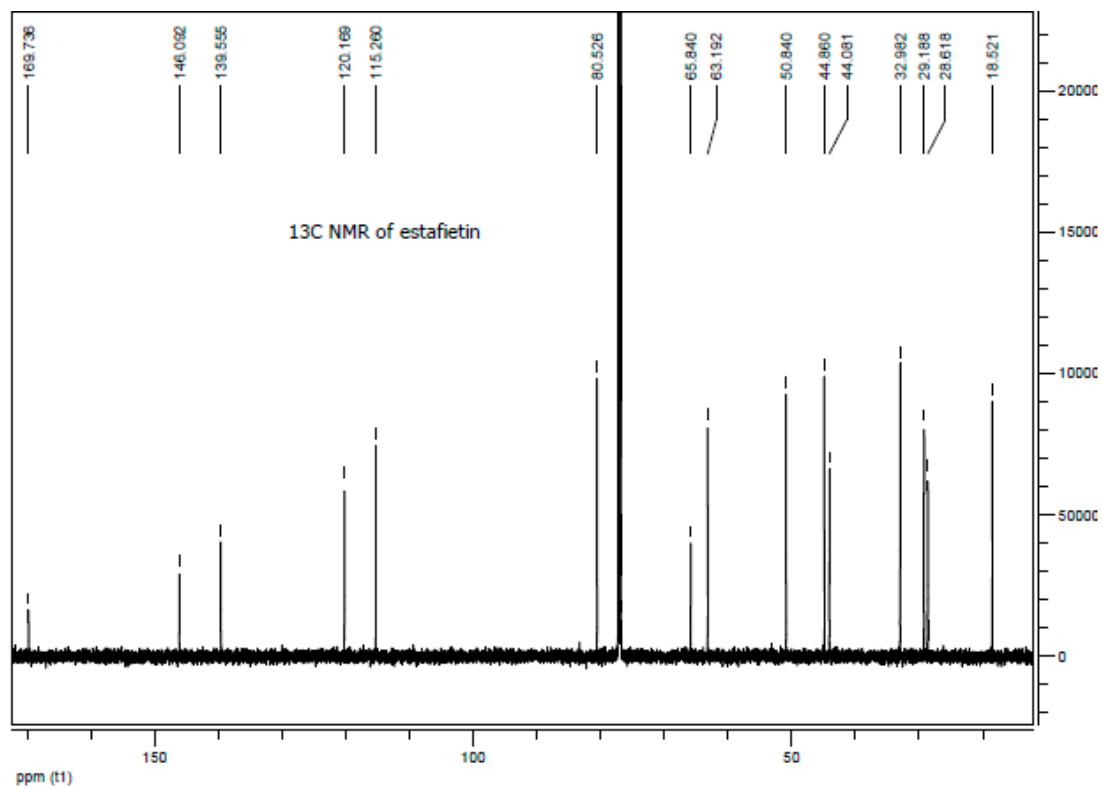


Figure S2. ¹³C-NMR of estafietin (1)

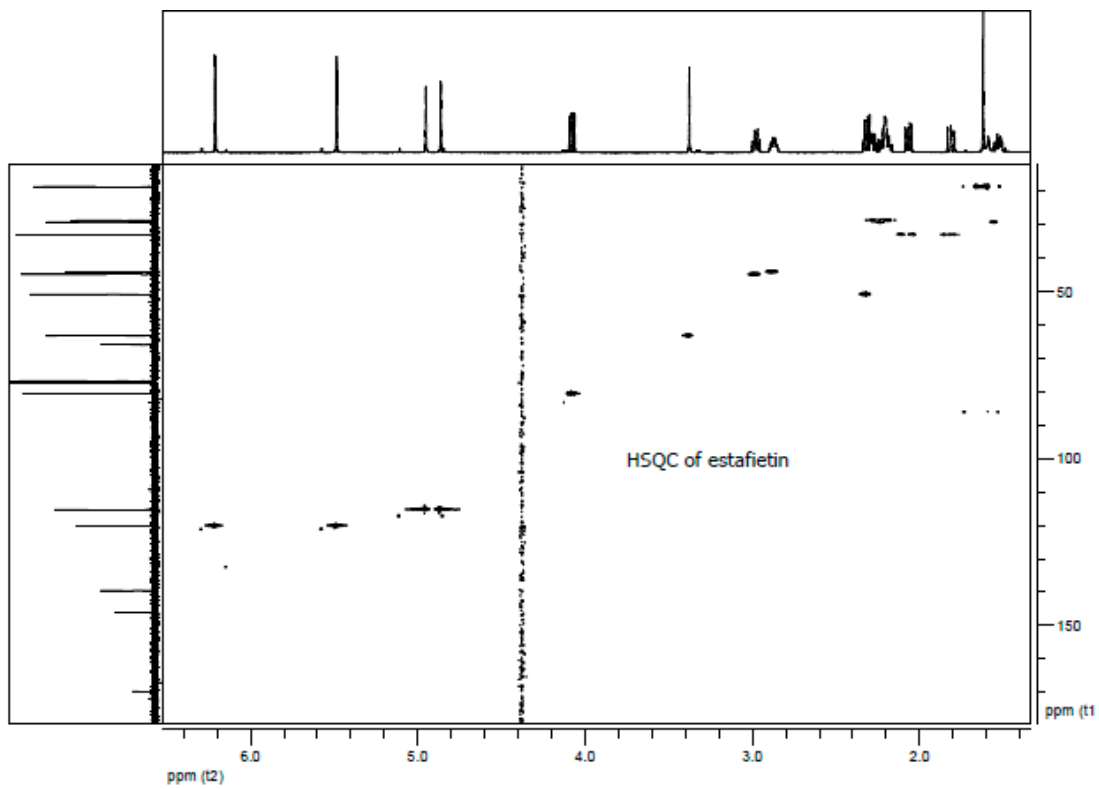


Figure S3. HSQC of estafietin (1)

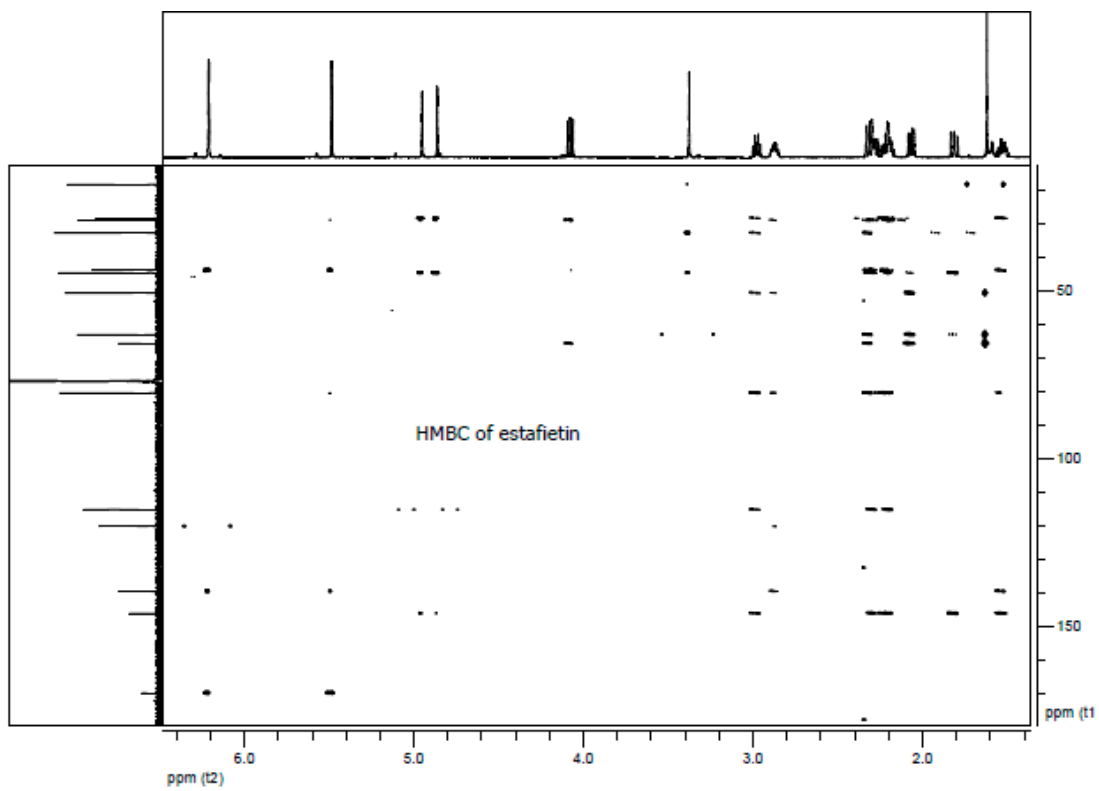


Figure S4. HMBC of estafietin (1)

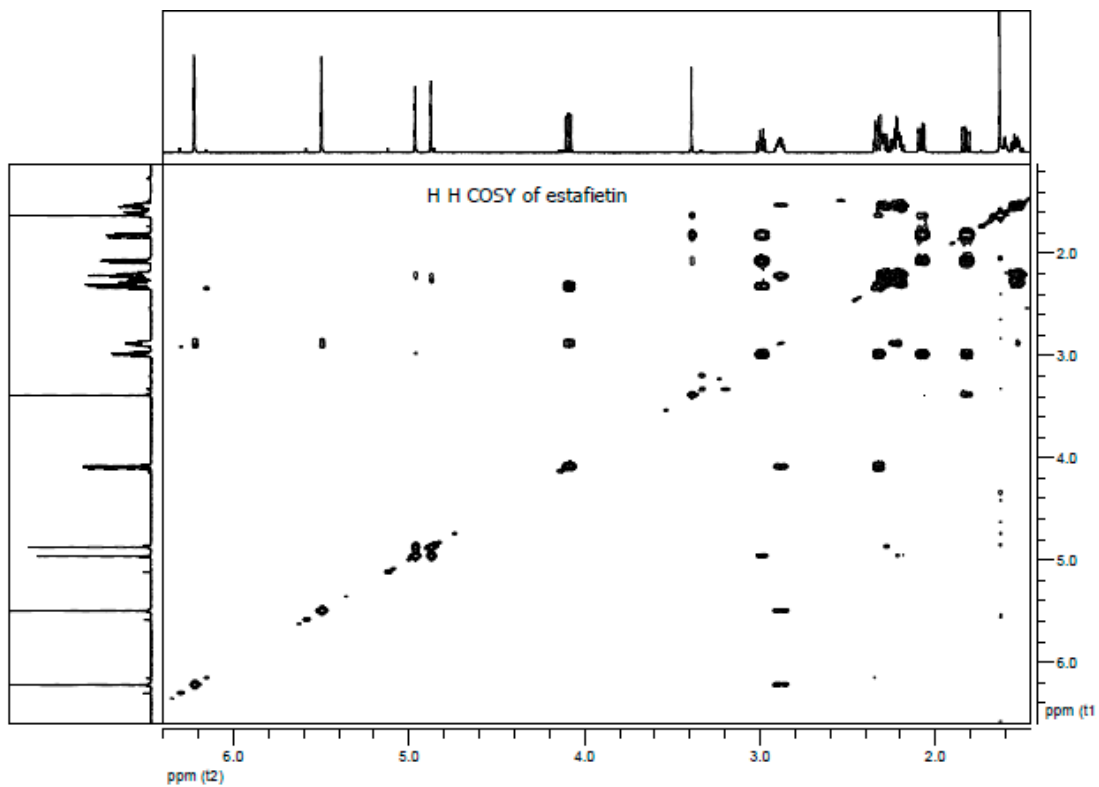


Figure S5. H H COSY of estafietin (1)

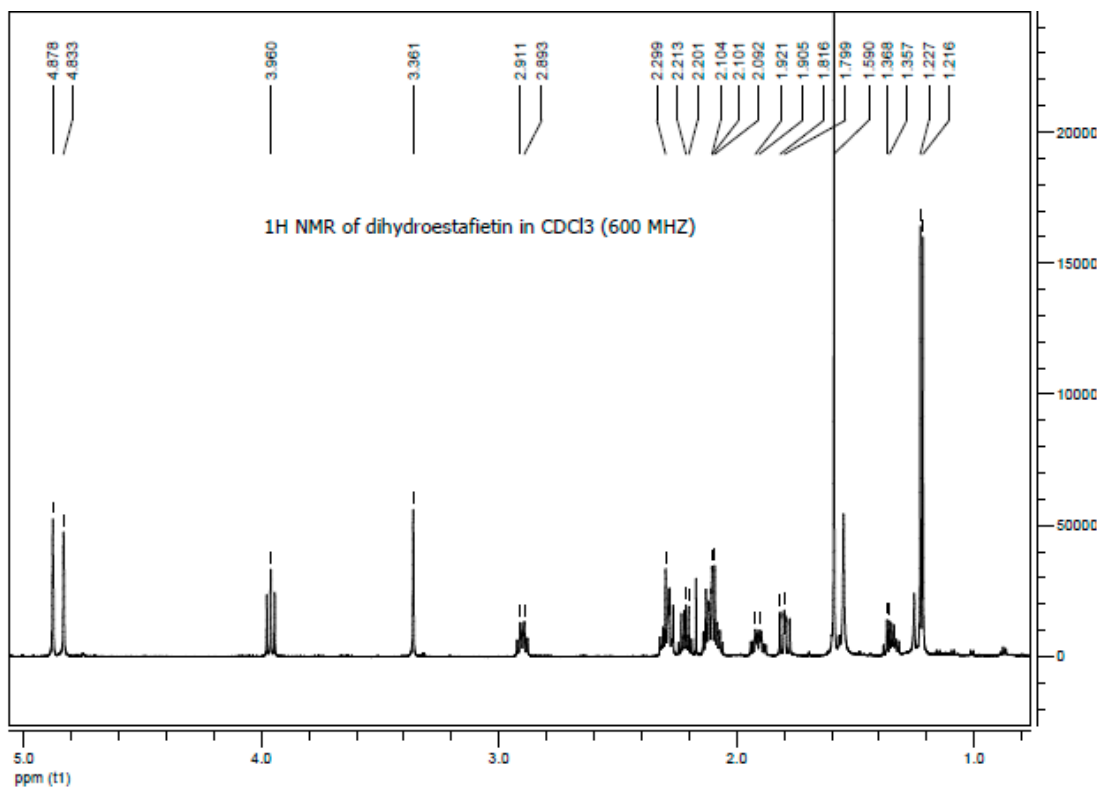


Figure S6. ^1H -NMR of 11 β H,13-dihydroestafietin (2)

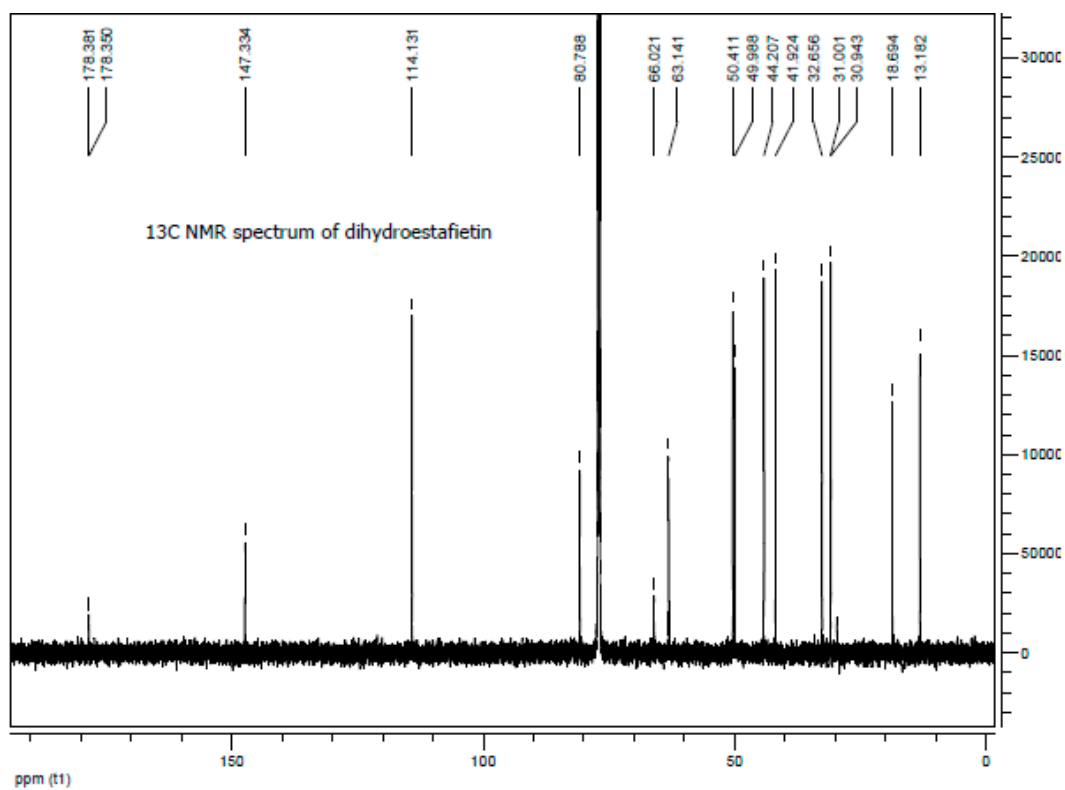


Figure S7. ¹³C-NMR of 11βH,13-dihydroestafietin (2)

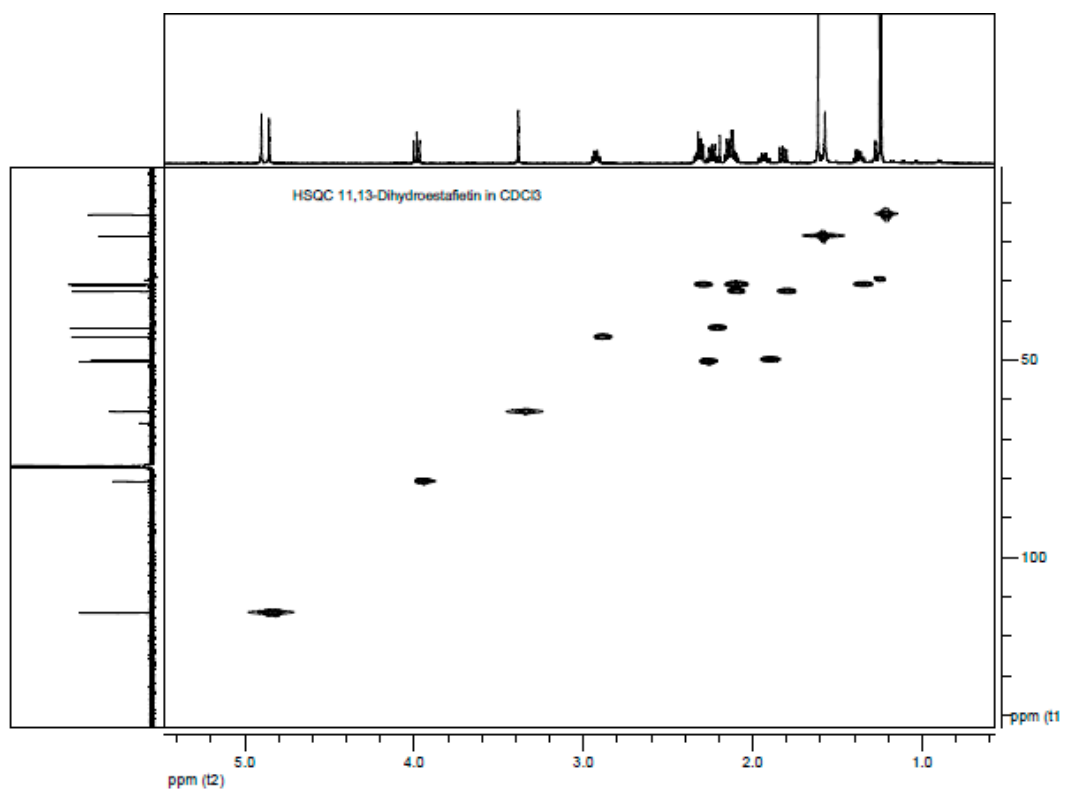


Figure S8. HSQC of 11βH,13-dihydroestafietin (2)

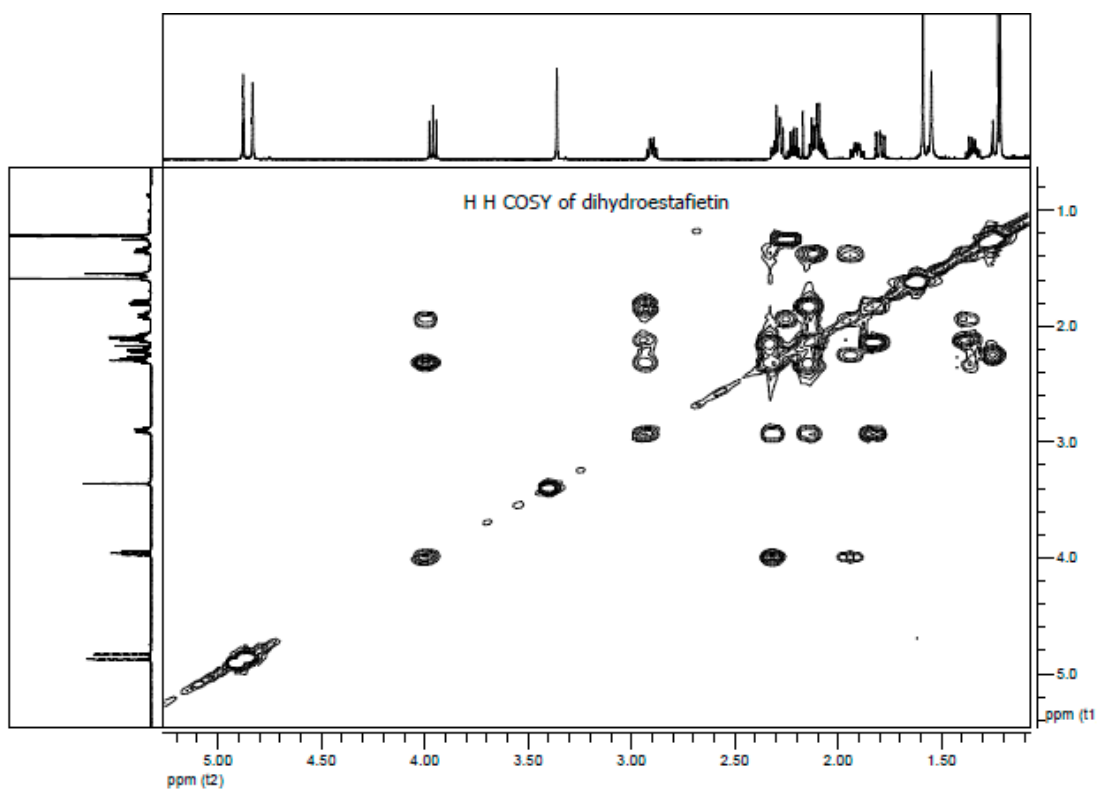


Figure S9. H H COSY of 11 β H,13-dihydroestafietin (2)

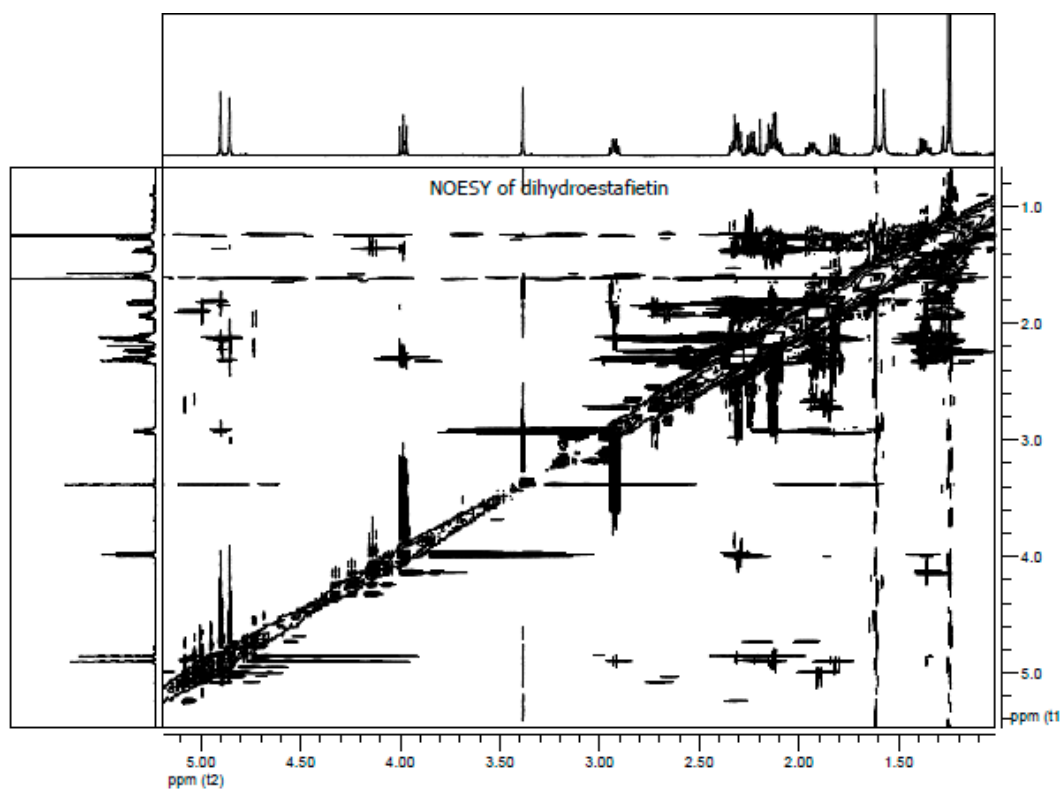


Figure S10. NOESY of 11 β H,13-dihydroestafietin (2)

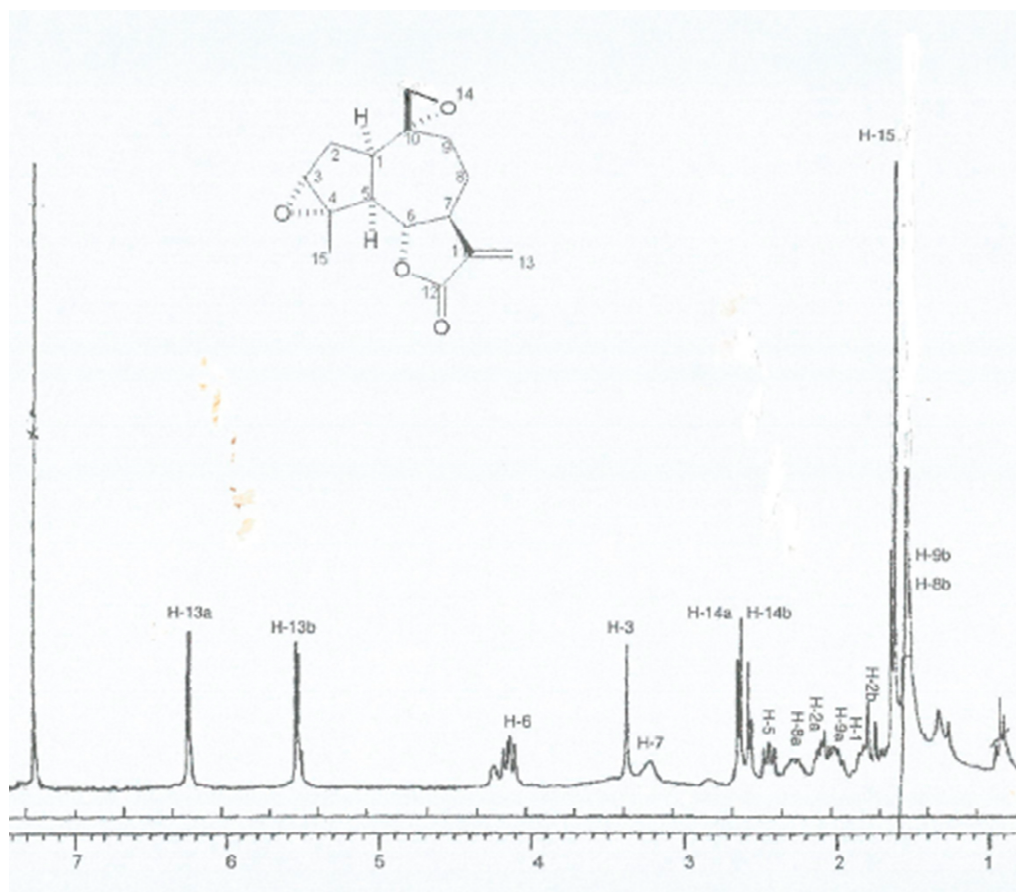


Figure S11. ¹H-NMR of α-epoxyestafietin (3a)

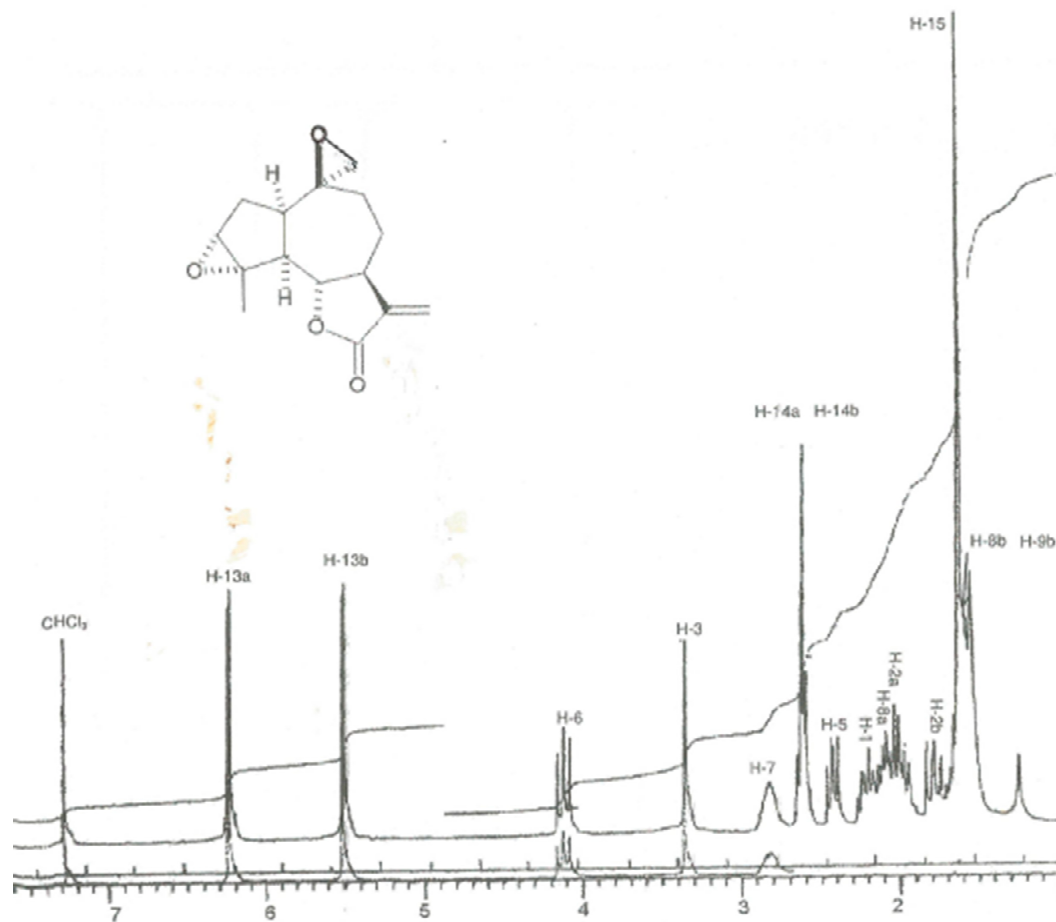


Figure S12. ¹H-NMR of β-epoxyestafietin (**3b**)

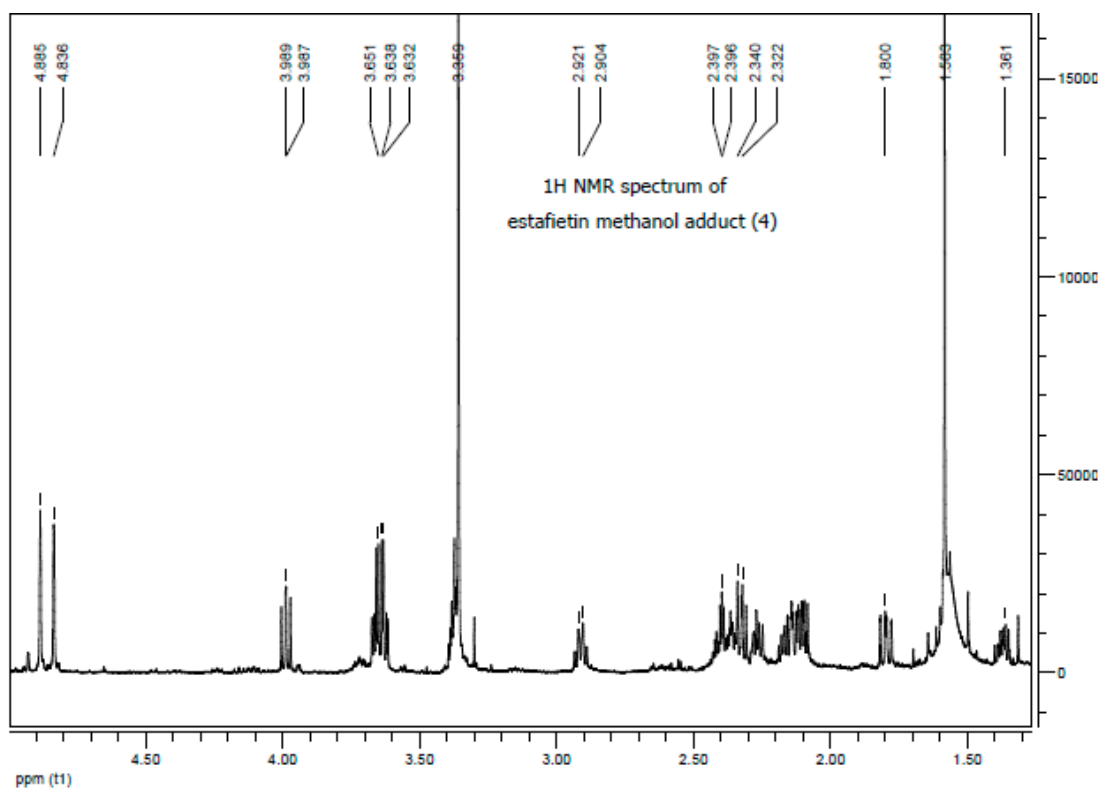


Figure S13. ¹H-NMR of 11βH,13-methoxyestafietin (4)

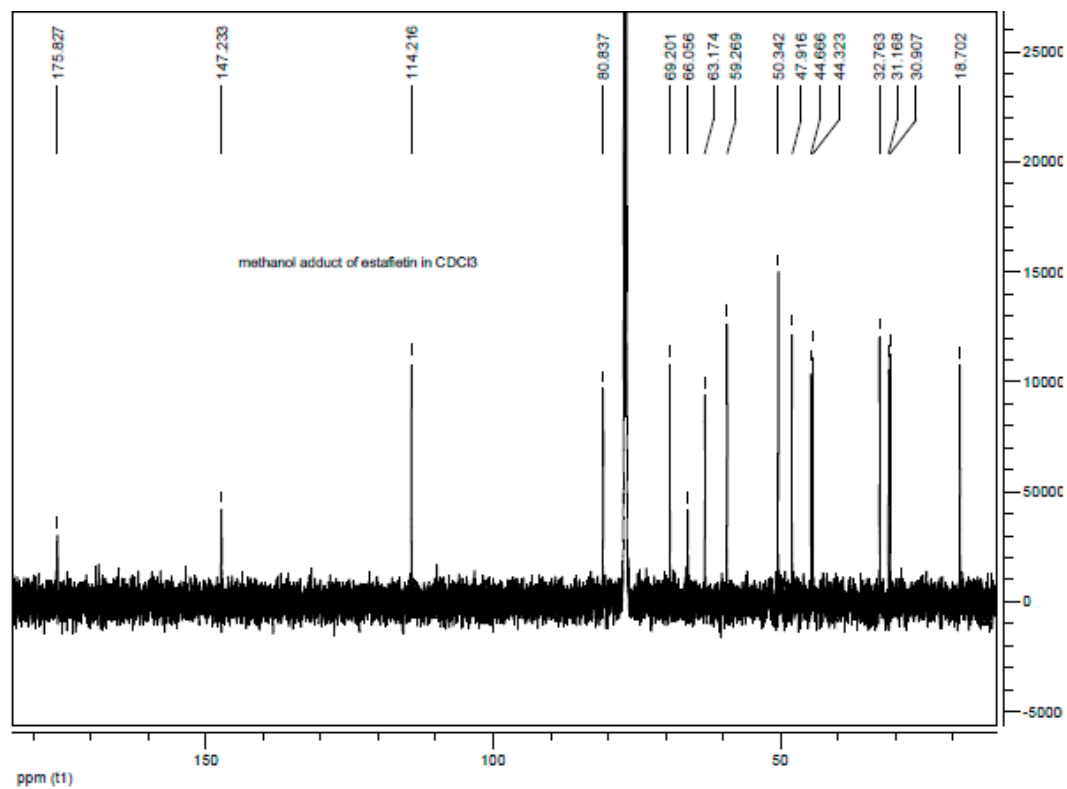


Figure S14. ¹³C-NMR of 11βH,13-methoxyestafietin (4)

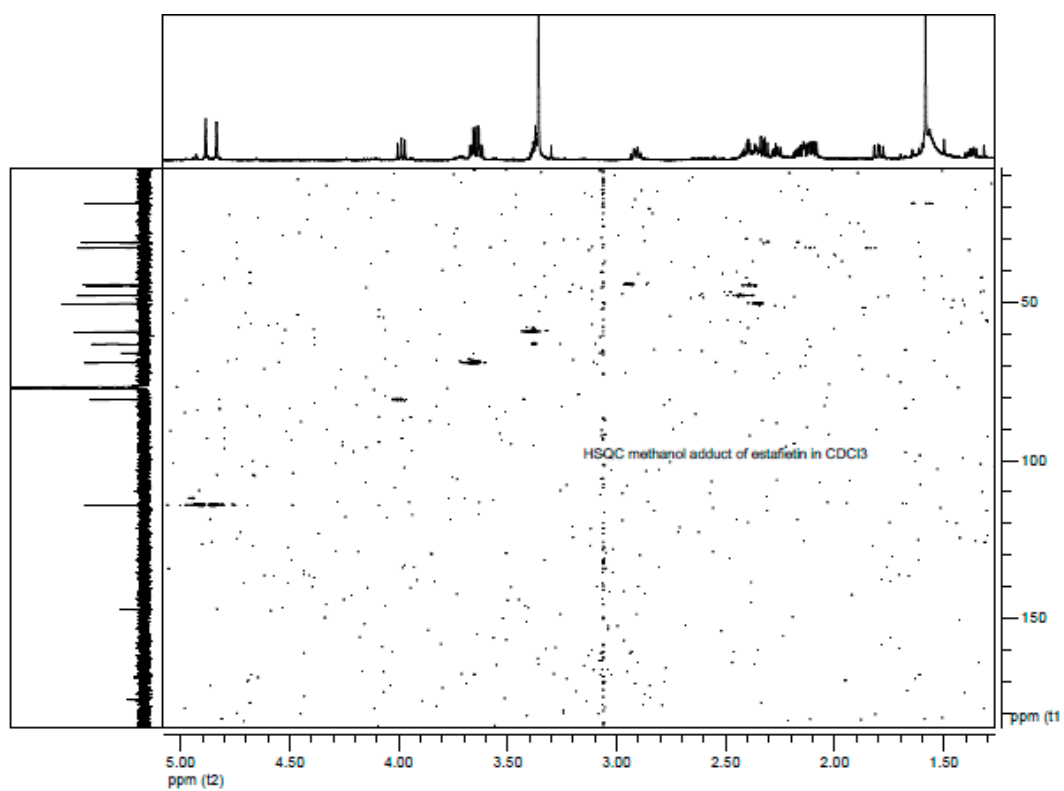


Figure S15. HSQC of 11 β H,13-methoxyestafietin (4)

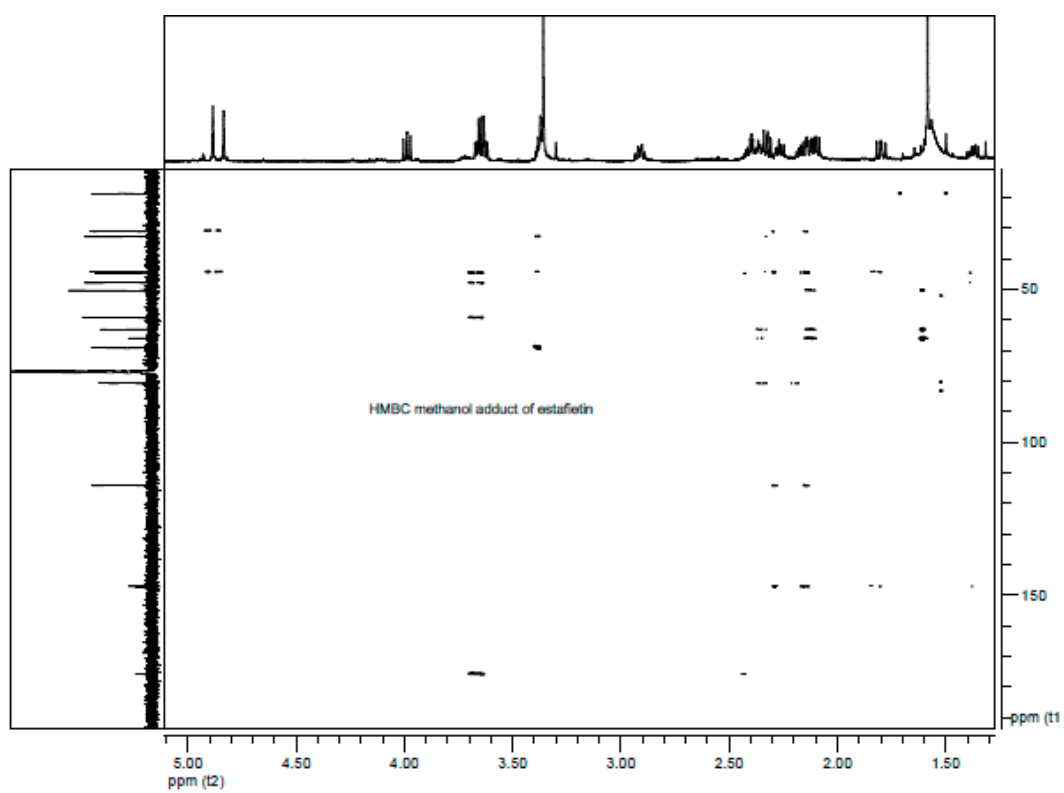


Figure S16. HMBC of 11 β H,13-methoxyestafietin (4)

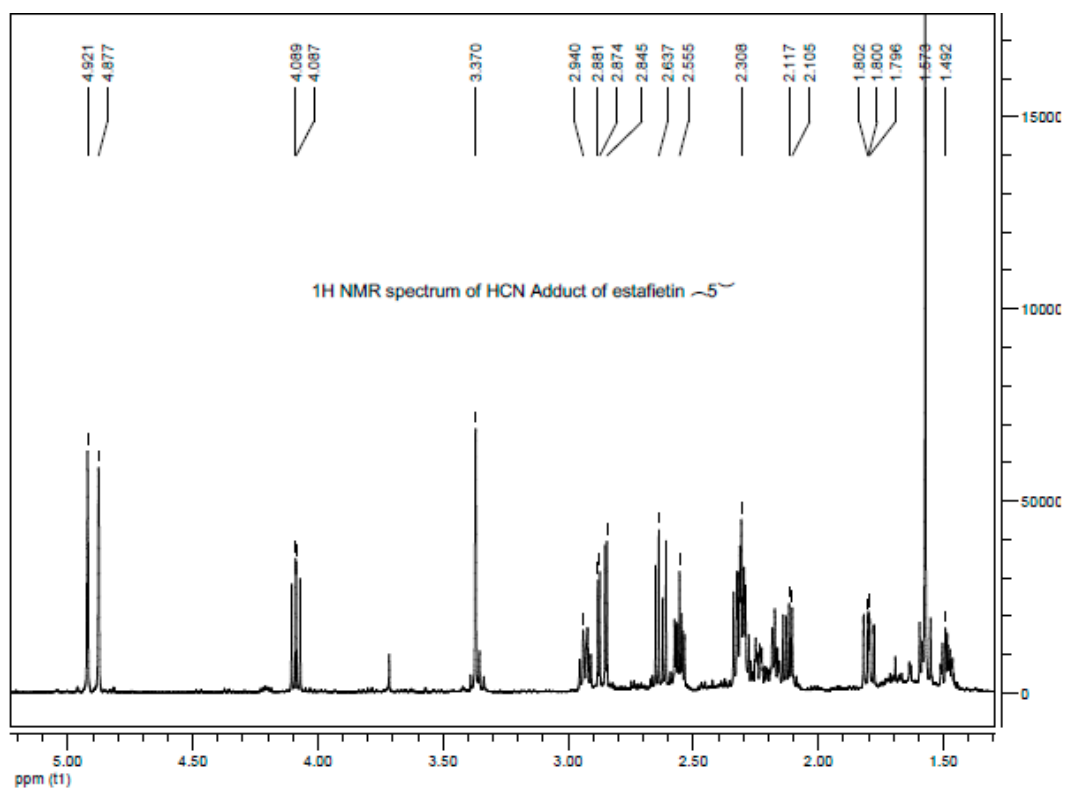


Figure S17. ^1H -NMR of 11 β H,13-cianoestafietin (5)

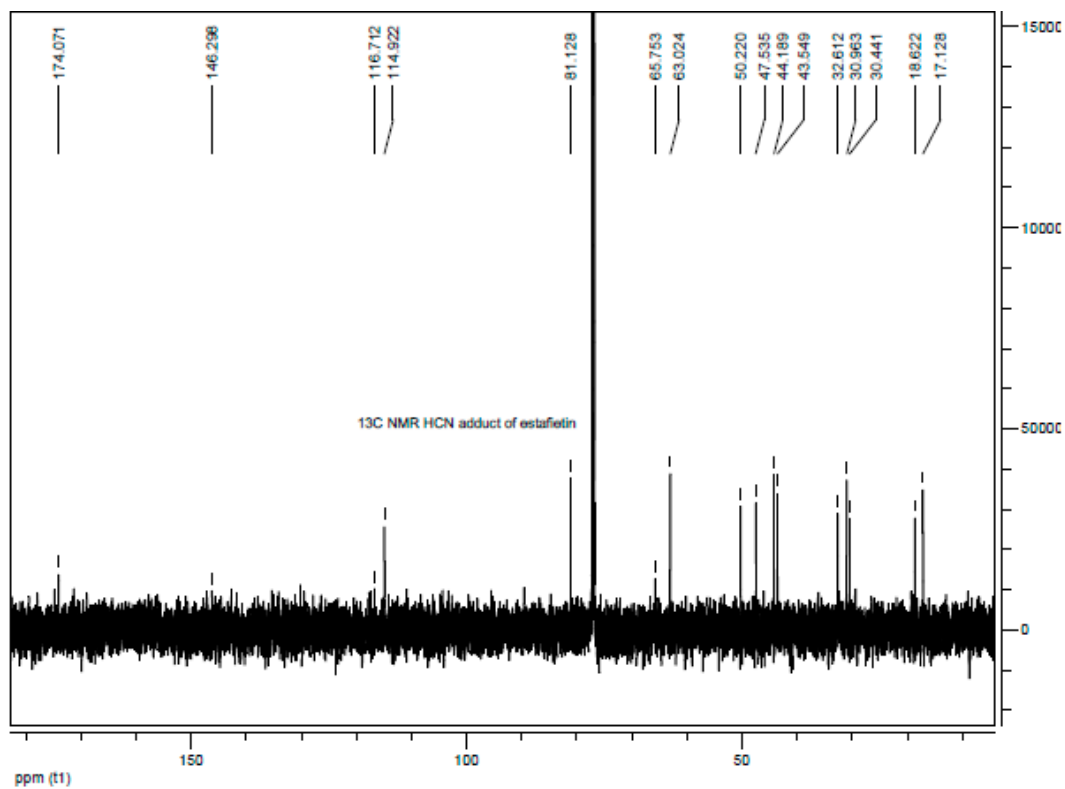


Figure S18. ^{13}C -NMR of 11 β H,13-cianoestafietin (5)

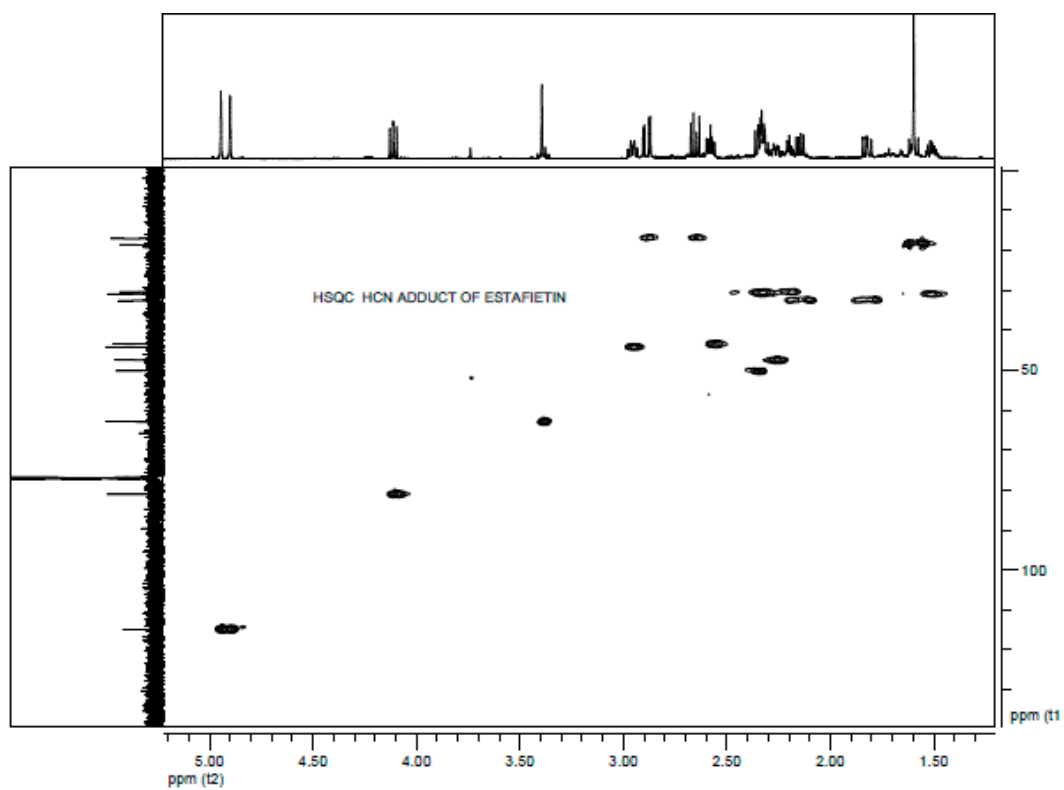


Figure S19. HSQC of 11 β H,13-cianoestafietin (5)

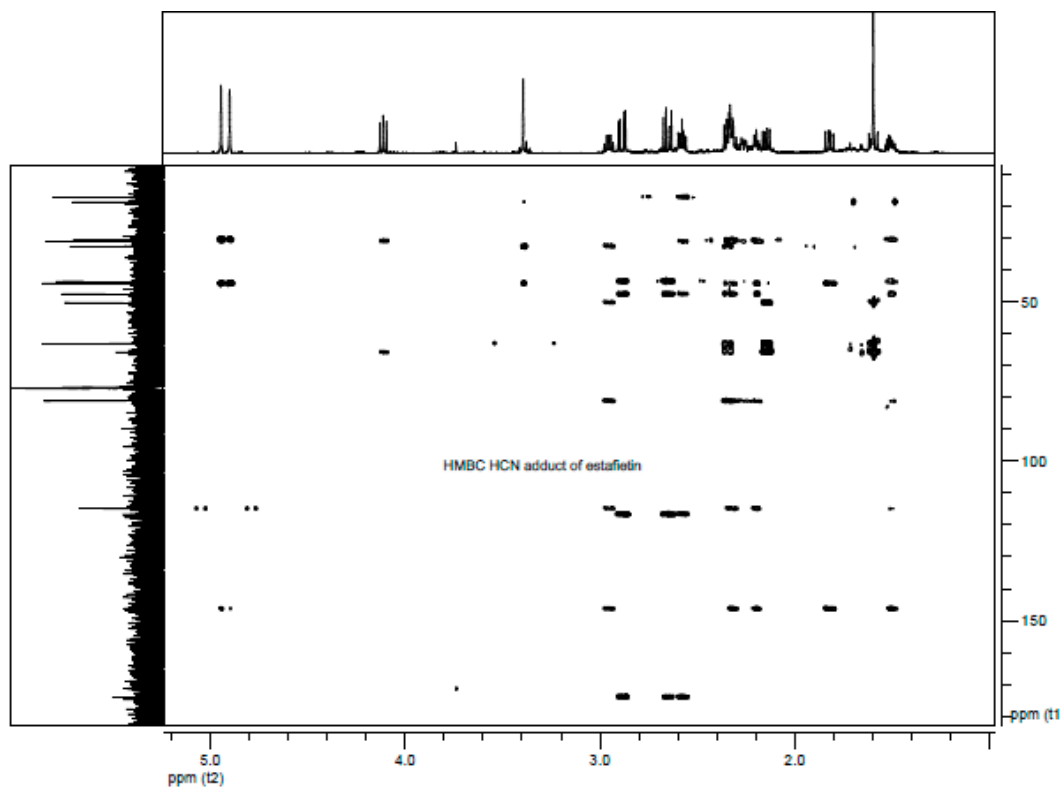


Figure S20. HMBC of 11 β H,13-cianoestafietin (5)

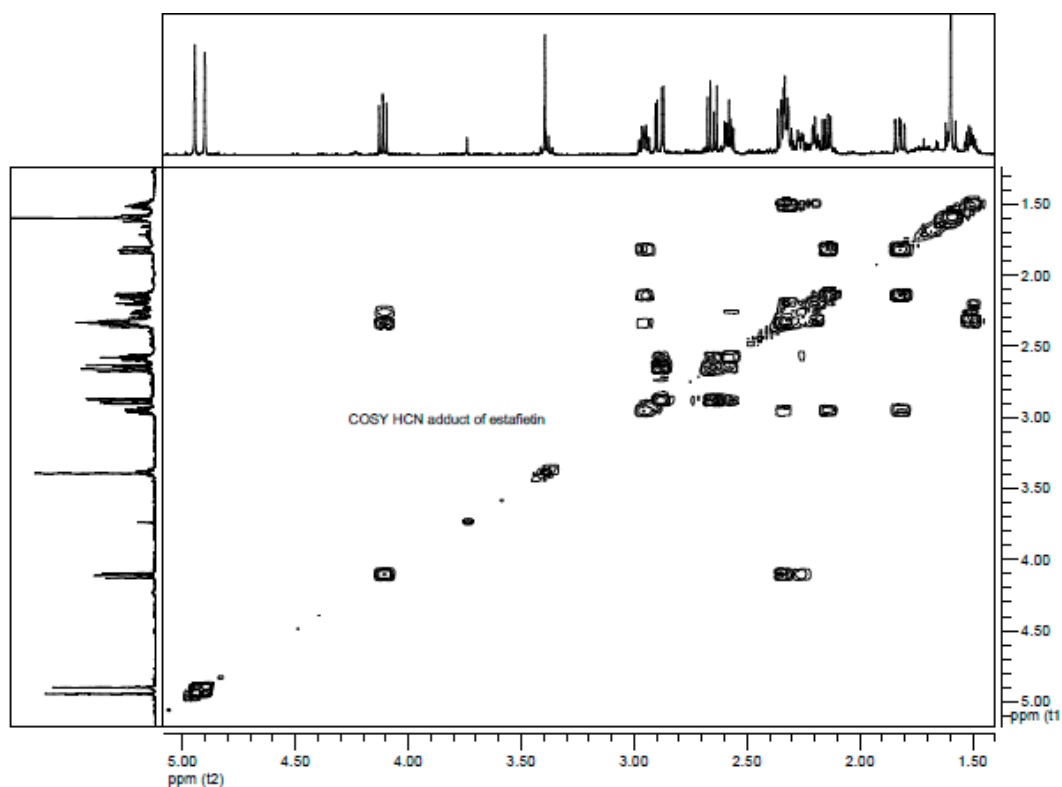


Figure S21. H H COSY of 11 β H,13-cianoestafietin (5)

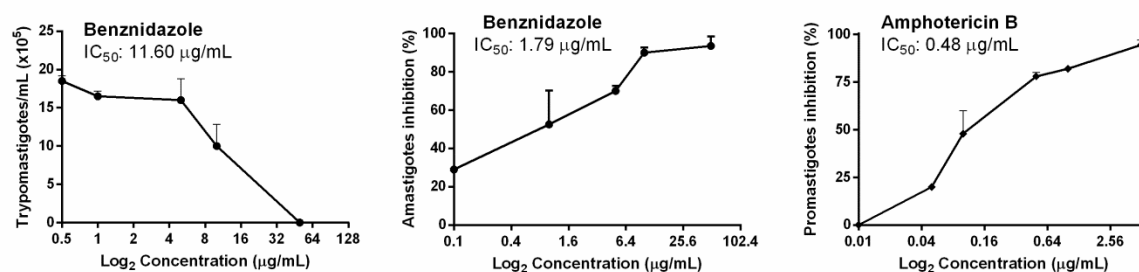


Figure S22. Activity of the reference drugs benznidazole and amphotericin B determined by *in vitro* assays against trypomastigotes and amastigotes of *T. cruzi* and promastigotes of *L. braziliensis*, respectively.