Supplementary Information

J. Braz. Chem. Soc., Vol. 25, No. 10, S1-S33, 2014. Printed in Brazil - ©2014 Sociedade Brasileira de Química 0103 - 5053 \$6.00+0.00



Leishmanicidal Activity of *Brosimum glaziovii* (Moraceae) and Chemical Composition of the Bioactive Fractions by Using High-Resolution Gas Chromatography and GC-MS

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Figure S1. Mass chromatogram obtained for the hexane fraction of leaves (a) and branches (b) of Brosimum glaziovii using GC-MS.



Figure S2. Full mass chromatogram obtained for the hexane fraction of leaves of B. glaziovii using GC-MS.



Figure S3. Expansion of the mass chromatogram (19-31 min) obtained for the hexane fraction of leaves of B. glaziovii using GC-MS.



Figure S4. Expansion of the mass chromatogram (28-47 min) obtained for the hexane fraction of leaves of B. glaziovii using GC-MS.







Figure S6. Mass spectra obtained for *n*-hexadecanoic acid ($t_{R} = 22.702 \text{ min}$).















m/z-->











Figure S12. Mass spectra obtained for 9,12,15-octadecatrienoic acid, (Z,Z,Z)- $(t_R = 24.819 \text{ min})$.

















Figure S16. Mass spectra obtained for 2-methyl-Z,Z-3,13-octadecadienol ($t_R = 25.221$ min).



























Figure S22. Mass spectra obtained for cyclodocosane, ethyl- ($t_R = 34.601$ min).



Figure S23. Mass spectra obtained for vitamin E ($t_R = 38.269 \text{ min}$).



Figure S24. Mass spectra obtained for campesterol ($t_R = 39.807 \text{ min}$).





Figure S26. Mass spectra obtained for β -amyrin (t_R = 41.937 min).



Figure S27. Mass spectra obtained for 4,4,6a,6b,8a,11,12,14b-octamethyl-1,4,4a,5,6,6a,6b,7,8,8a,9,10,11,12,12a,14,14a,14b-octadecahydro-2H-picen-3-one (t_R = 42.208 min).



Figure S28. Mass spectra obtained for α -amyrin (t_R = 42.794 min).



S15



Figure S30. Mass spectra obtained for fern-7-en-3- β -ol (t_R = 44.149 min).







Figure S32. Expansion of the mass chromatogram (20-31 min) obtained for the hexane fraction of branches of B. glaziovii using GC-MS.



Figure S33. Expansion of the mass chromatogram (31-47 min) obtained for the hexane fraction of branches of B. glaziovii using GC-MS.



Scan 2380 (20.513 min): EHGB 110414.D\data.ms



















Scan 2677 (22.688 min): EHGB 110414.D\data.ms























Figure S42. Mass spectra obtained for phytol ($t_R = 24.482 \text{ min}$).















Figure S46. Mass spectra obtained for 9,12,15-octadecatrienoic acid, ethyl ester, (Z,Z,Z)- $(t_R = 25.141 \text{ min})$.



S24











9000 8000

88.1 Scan 3205 (26.554 min): EHGB 110414.D\data.ms











Figure S52. Mass spectra obtained for cyclohexene, 4-(4-ethylcyclohexyl)-1-pentyl- ($t_R = 27.206 \text{ min}$).























Figure S58. Mass spectra obtained for campesterol ($t_R = 39.799$ min).







Figure S60. Mass spectra obtained for β -sitosterol ($t_R = 41.330$ min).









Figure S62. Mass spectra obtained for β -amyrin (t_R = 41.967 min).







Figure S64. Mass spectra obtained for α -amyrin (t_R = 42.772 min).



