

Angélica de Fátima S. Barreto, Otilie E. Vercillo and Carlos Kleber Z. Andrade*

LaQMOS - Instituto de Química, Universidade de Brasília, CP 4478, 70910-970 Brasília-DF, Brazil







Figure S2. ¹H NMR (CDCl₃, 300 MHz) of 4a. Note: The number below each peak refers to the number of integration.



Figure S3. ¹³C NMR (CDCl₃, 75 MHz) of **4a**.







Figure S5. IR spectrum of 4b.



Figure S6. ¹H NMR (CDCl₃, 300 MHz) of 4b. Note: The number below each peak refers to the number of integration.



Figure S7. ¹³C NMR (CDCl₃, 75 MHz) of 4b.







Figure S9. IR spectrum of 4c.



Figure S10. ¹H NMR (CDCl₃, 300 MHz) of 4c. Note: The number below each peak refers to the number of integration.



Figure S11. ¹³C NMR (CDCl₃, 75 MHz) of **4c**.







Figure S13. IR spectrum of 4d.



Figure S14. ¹H NMR (CDCl₂, 300 MHz) of 4d. Note: The number below each peak refers to the number of integration.









Figure S17. IR spectrum of 4e.



Figure S18. ¹H NMR (CDCl₃, 300 MHz) of 4e. Note: The number below each peak refers to the number of integration.



Figure S19. ¹³C NMR (CDCl₃, 75 MHz) of 4e.







Figure S21. IR spectrum of 4f.



Figure S22. ¹H NMR (CDCl₃, 300 MHz) of 4f. Note: The number below each peak refers to the number of integration.



Figure S23. ¹³C NMR (CDCl₃, 75 MHz) of 4f.







Figure S25. IR spectrum of 4g.



Figure S26. ¹H NMR (CDCl₃, 300 MHz) of 4g. Note: The number below each peak refers to the number of integration.



Figure S27. ¹³C NMR (CDCl₃, 75 MHz) of 4g.







Figure S29. IR spectrum of 4h.



Figure S30. ¹H NMR (CDCl₃, 300 MHz) of 4h. Note: The number below each peak refers to the number of integration.



Figure S31. ¹³C NMR (CDCl₃, 75 MHz) of 4h.







Figure S33. IR spectrum of 4i.



Figure S34. ¹H NMR (CDCl₃, 300 MHz) of 4i. Note: The number below each peak refers to the number of integration.









Figure S37. IR spectrum of 4j.



Figure S38. ¹H NMR (CDCl₃, 300 MHz) of 4j. Note: The number below each peak refers to the number of integration.



Figure S39. ¹³C NMR (CDCl₃, 75 MHz) of 4j.



Figure S40. ESI-HRMS of 4j.