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The ring size of cyclic amines as relevant feature in the activity of Ru-based complexes for ROMP

Larissa R. Fonseca, Eduardo S. P. Nascimento, José L. Silva Sá and Benedito S. Lima-Neto

Electronic Supplementary Information

Fig. 1S - ^{31}P NMR spectra of complex ***3*** in $CDCl_3$.

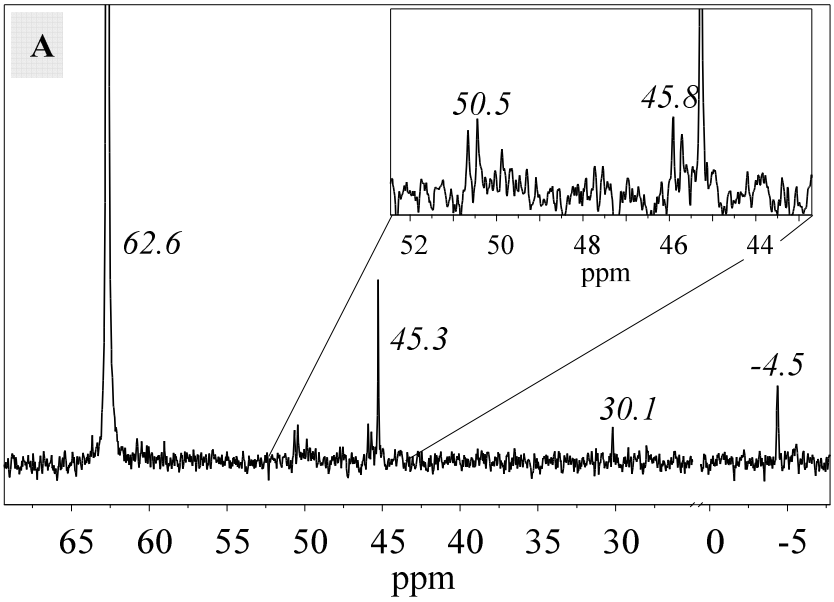
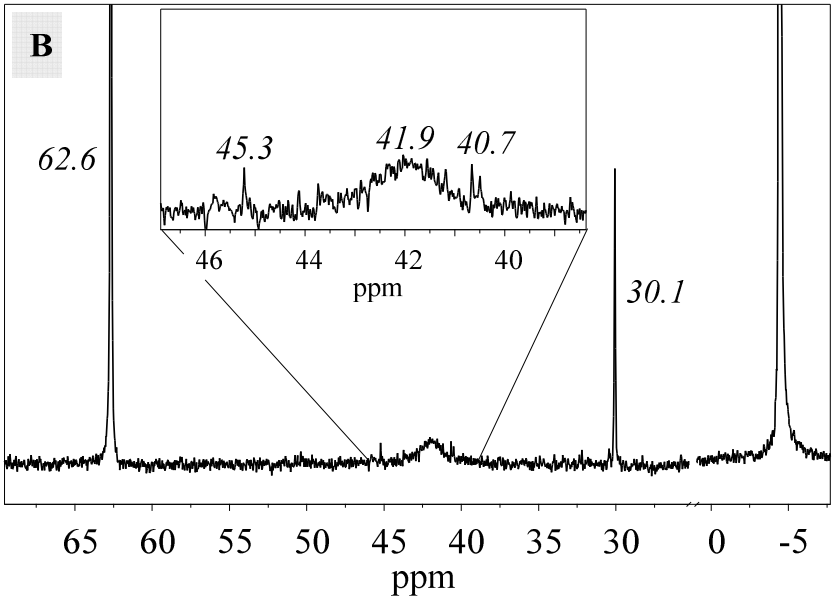


Fig. 2S - ^{31}P NMR of complex ***3*** in $CDCl_3$ in PPh_3 presence.



Note: One singlet at 41.9 and one dublet at 40.7 ppm can be assigned to a hexacoordenate compound with tree PPh_3 ligands and one amine, where the phosphines changed from equatorial to axial plane which to make the peak at 41.9 ppm broad.

Fig. 3S - ^{31}P NMR of complex ***4*** in $CDCl_3$.

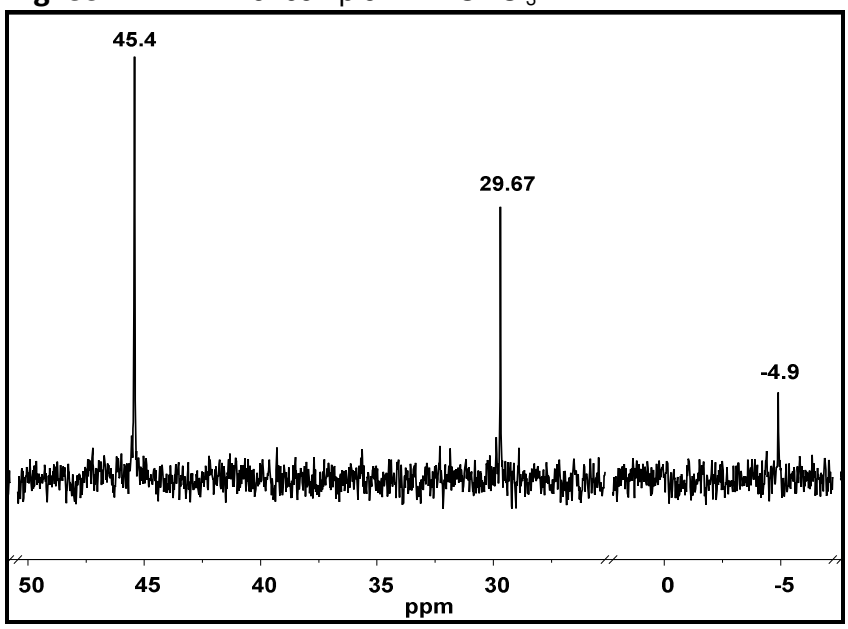


Fig. 4S - ^{31}P NMR of complex ***5*** in $CDCl_3$.

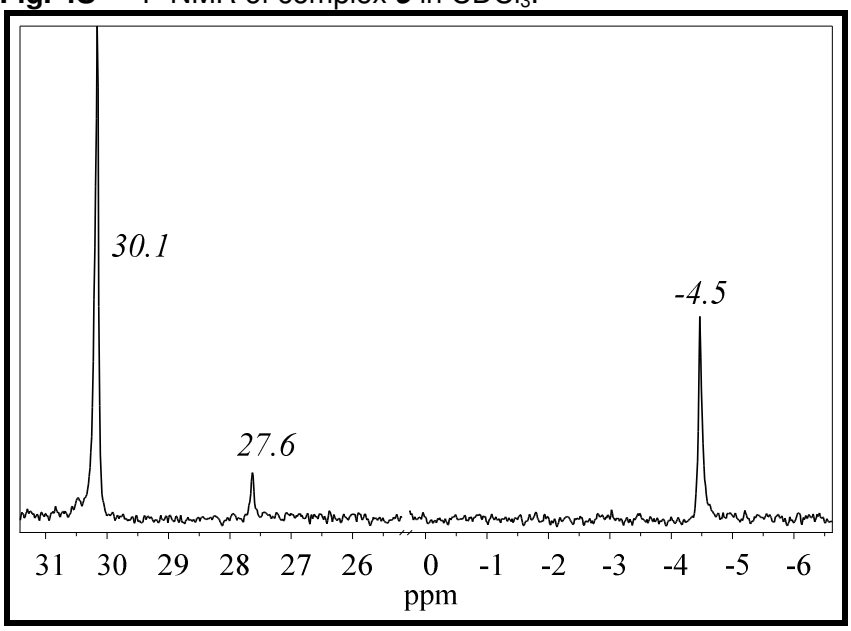


Fig. 5S - ^{13}C NMR spectra of polyNBE with ***3*** or **5** (for 5 min or 120 min).