

Supporting Information

The intriguing di-tripodal amine calix[4]arene possessing allosteric anion sensing properties using Cu(II) ions as effectors to induce Donnan exclusion failure in polymeric membrane ion-selective electrodes

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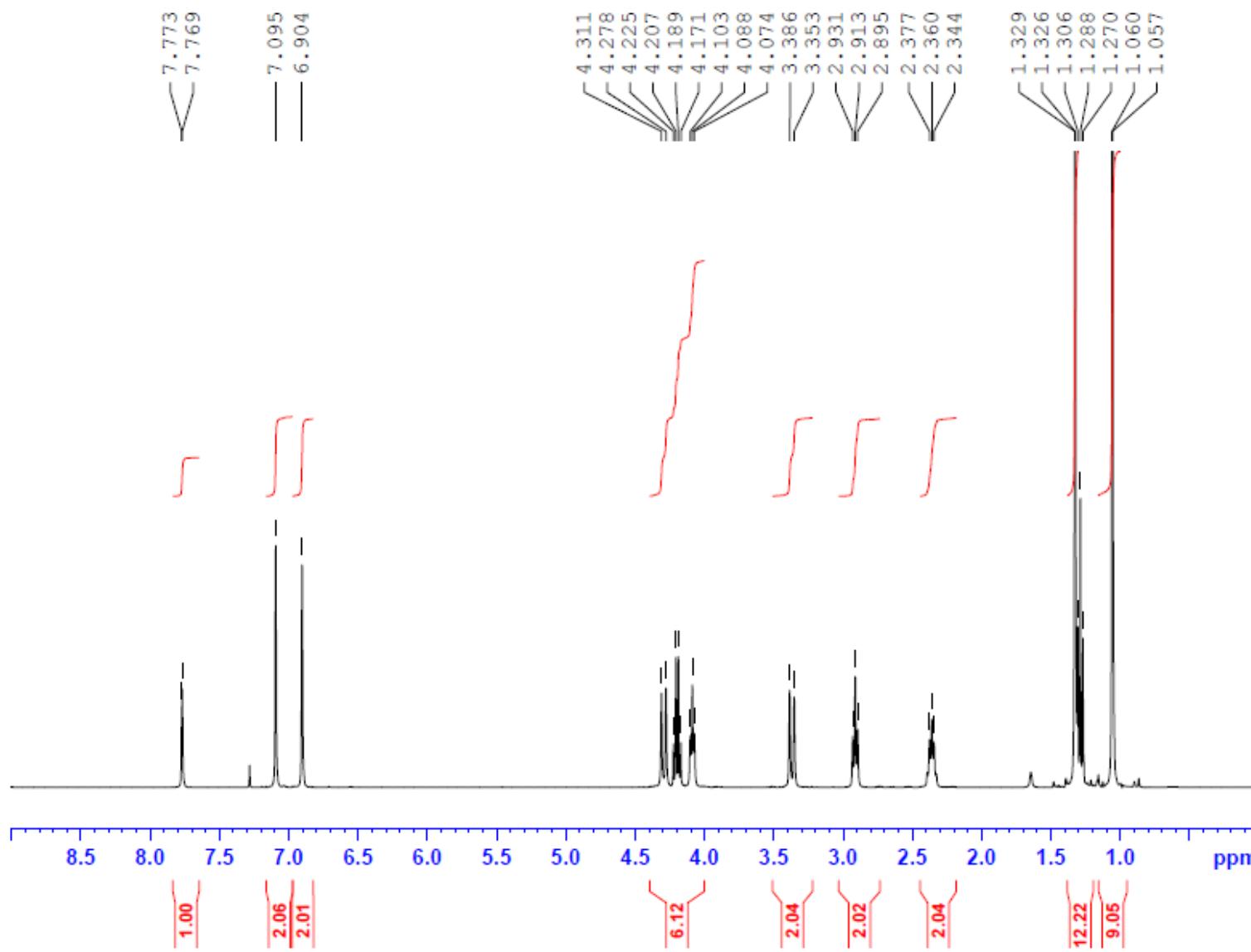


Figure S1. ^1H -NMR spectrum of compound **a** in CDCl_3 .

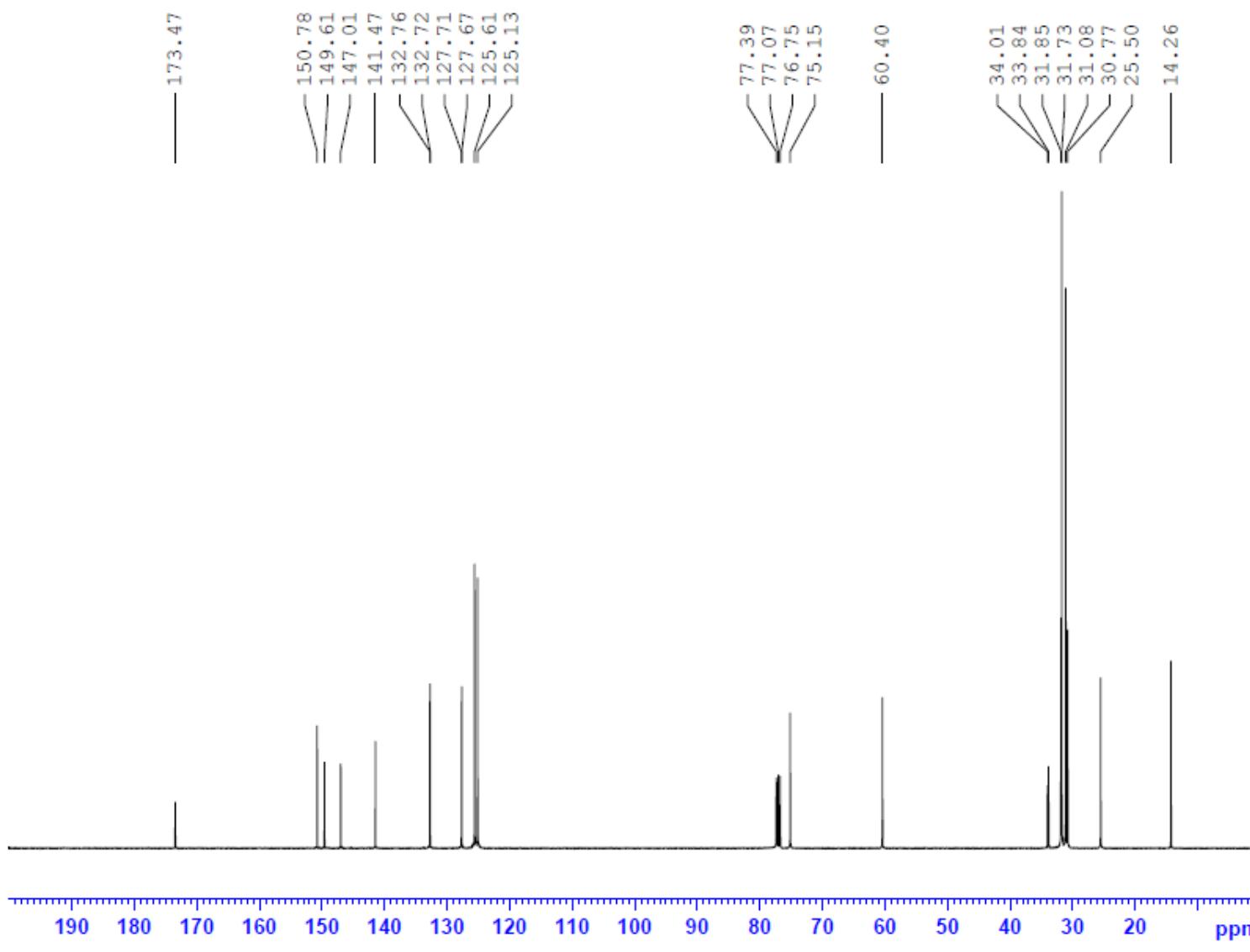


Figure S2. ^{13}C -NMR spectrum of compound **a** in CDCl_3 .

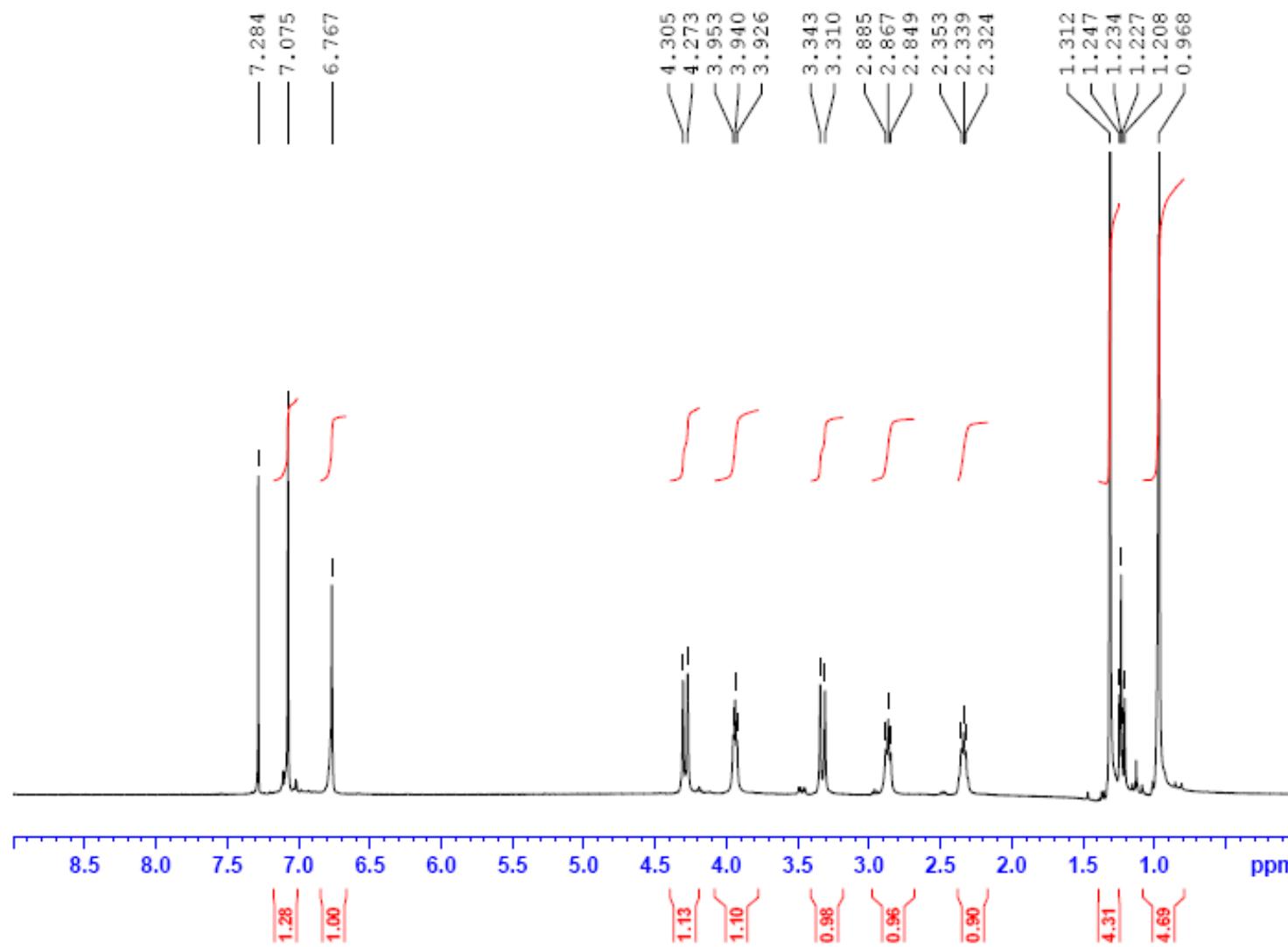


Figure S3. ¹H-NMR spectrum of compound **b** in CDCl_3 .

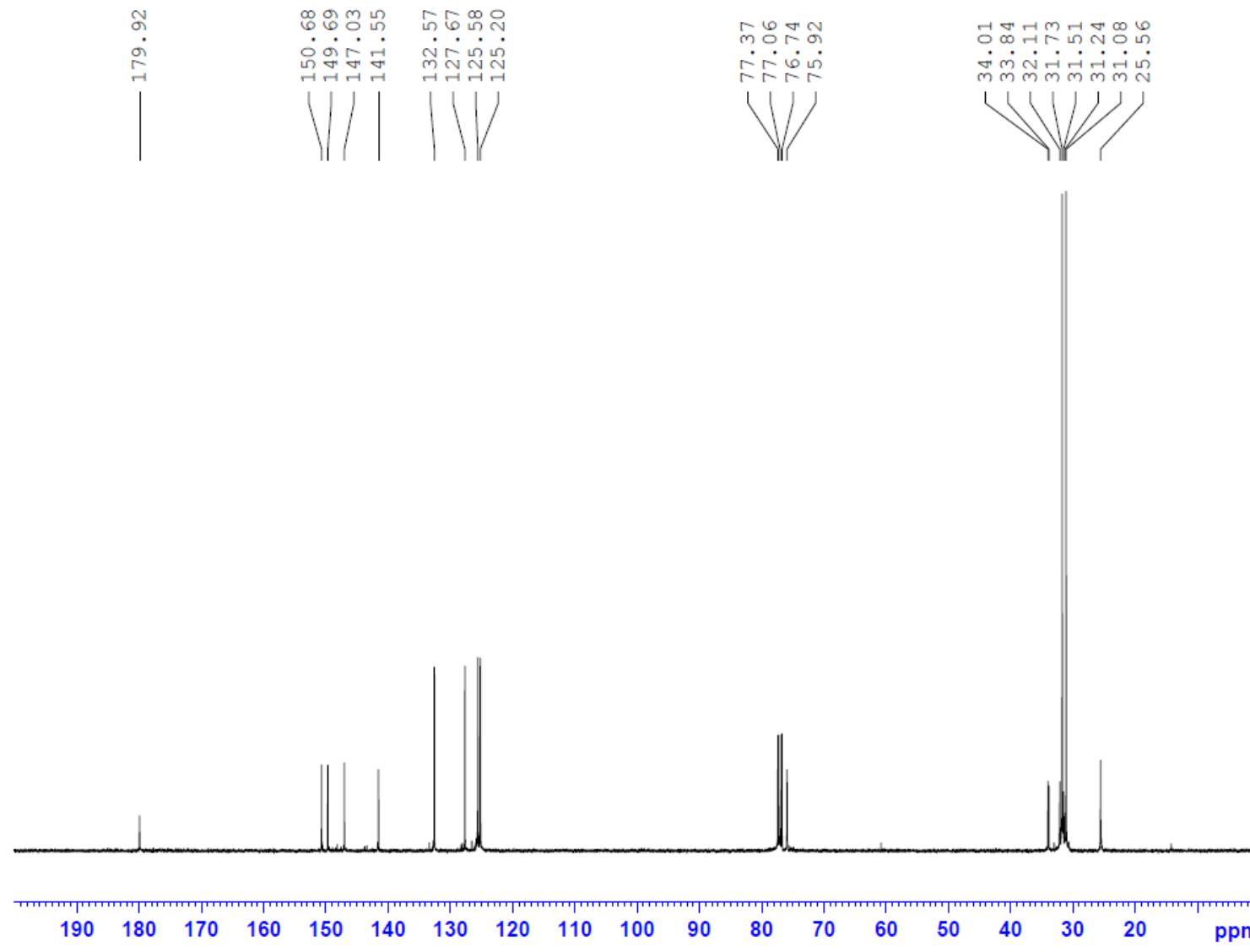


Figure S4. ^{13}C -NMR spectrum of compound **b** in CDCl_3 .

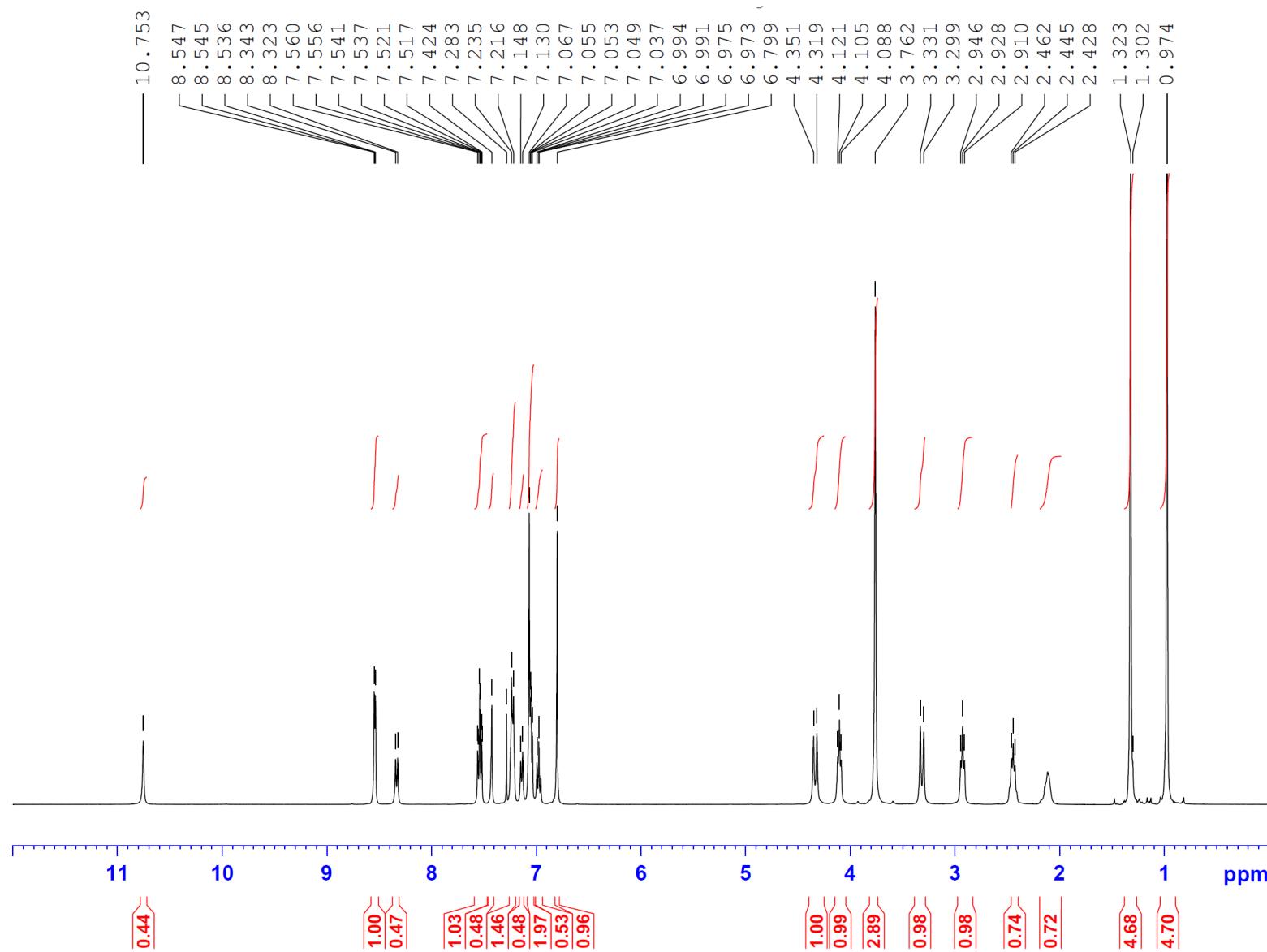


Figure S5. ^1H -NMR spectrum of **L1** in CDCl_3 .

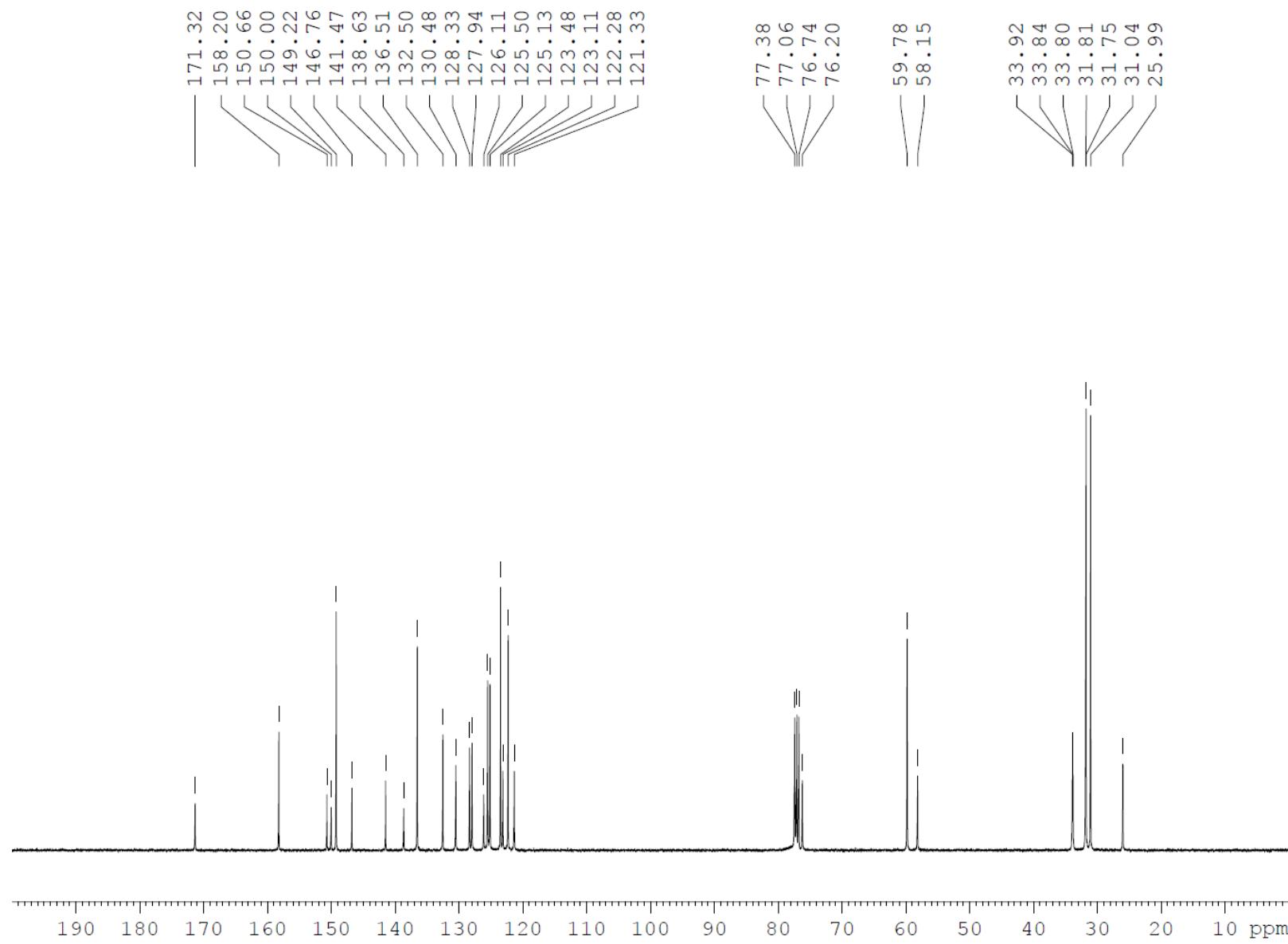


Figure S6. ^{13}C -NMR spectrum of **L1** in CDCl_3 .

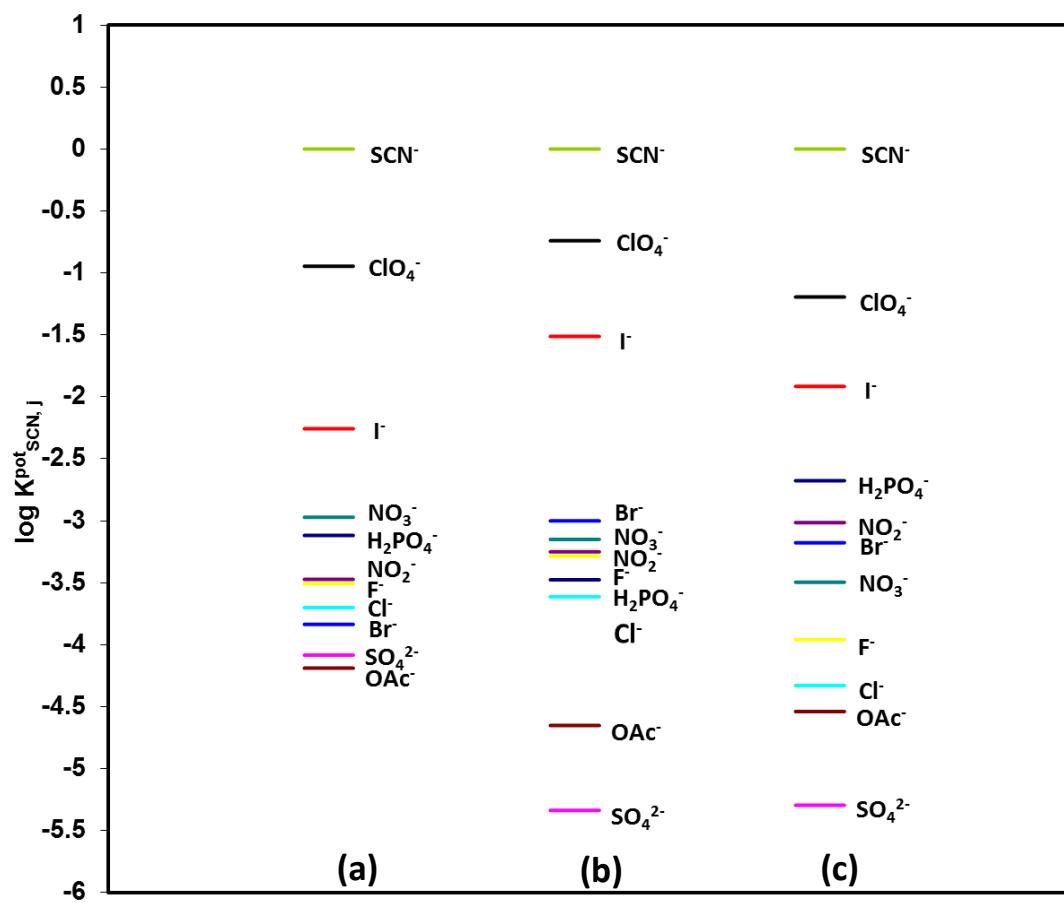


Figure S7. A comparison of selectivity coefficients ($\log K_{I,j}^{pot}$) of the membranes containing **L1** and 75 mol% KTpClPB preconditioned in 10^{-2} M of Cu(ClO₄)₂ (a), Cu(NO₃)₂ (b), and CuCl₂ (c).