Supplementary material
Colorimetric sensing of anions by a neutral biphenyl based amide receptor

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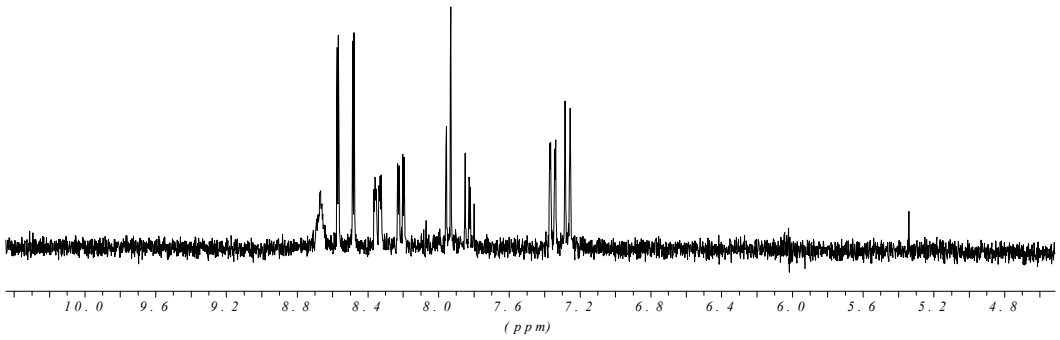
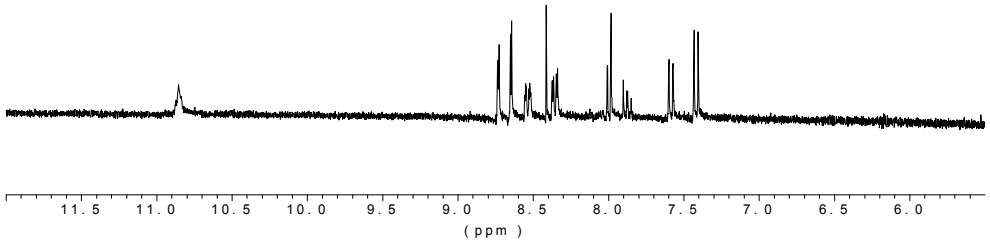
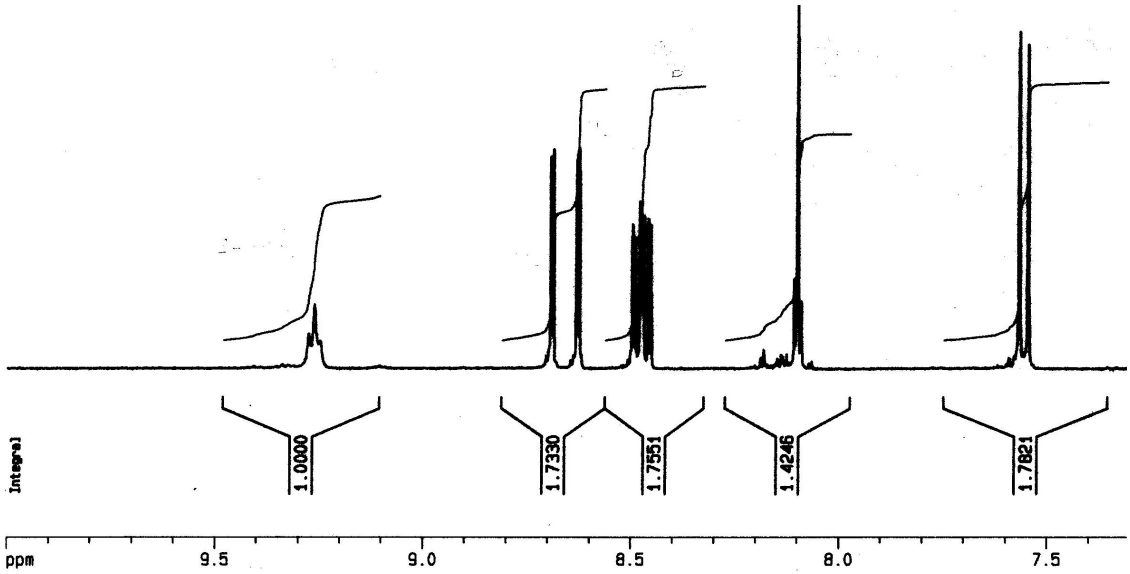


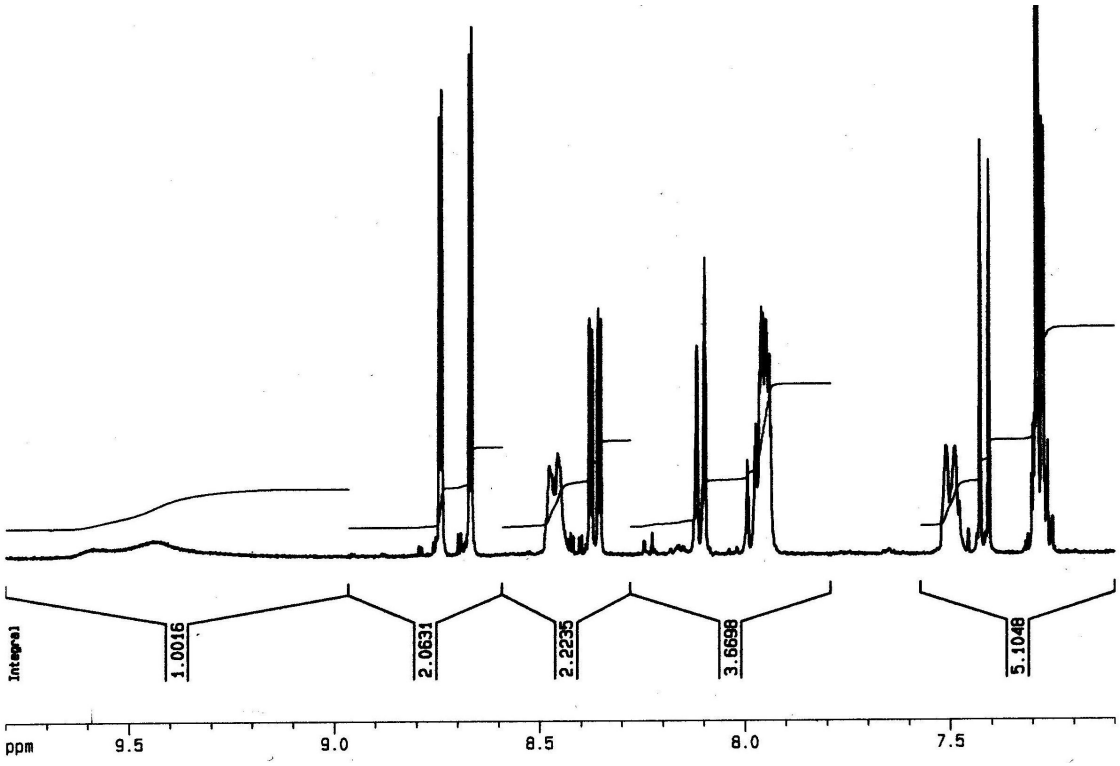
Aromatic zone of the ^{1}H NMR spectrum of ligand **1** + TBAI (in d6-DMSO)



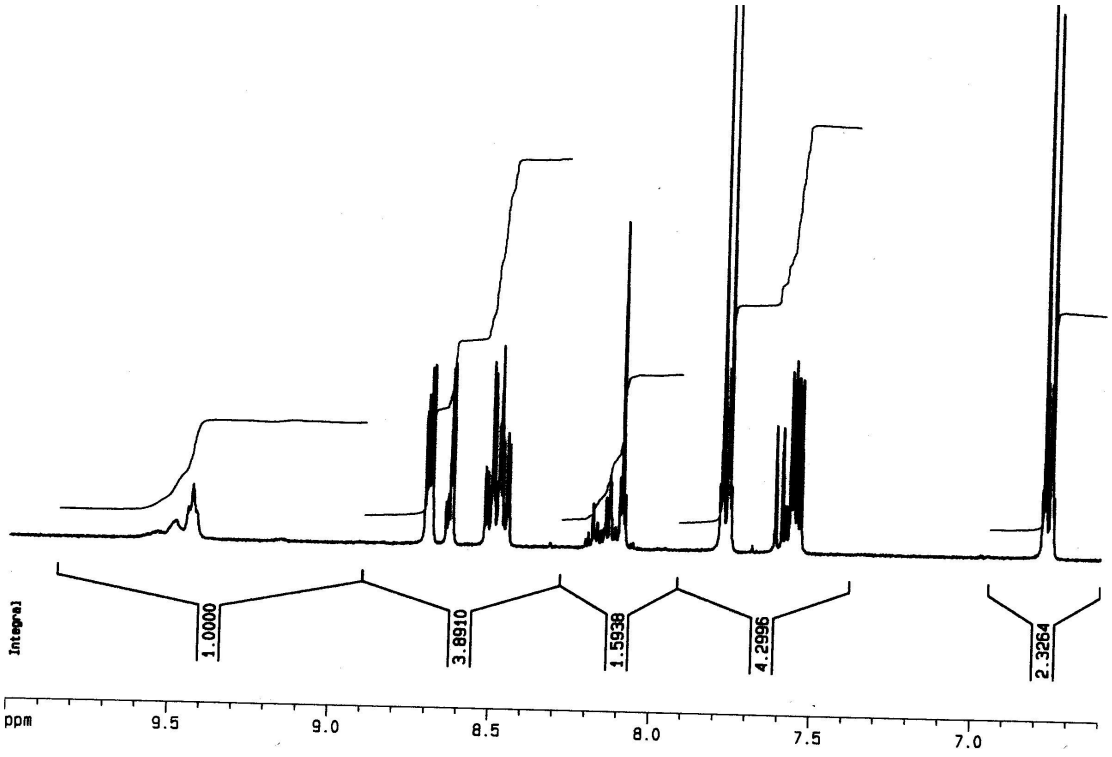
Aromatic zone of the ^{1}H NMR spectrum of ligand **1** + TBAAcO (in DC_3CN)



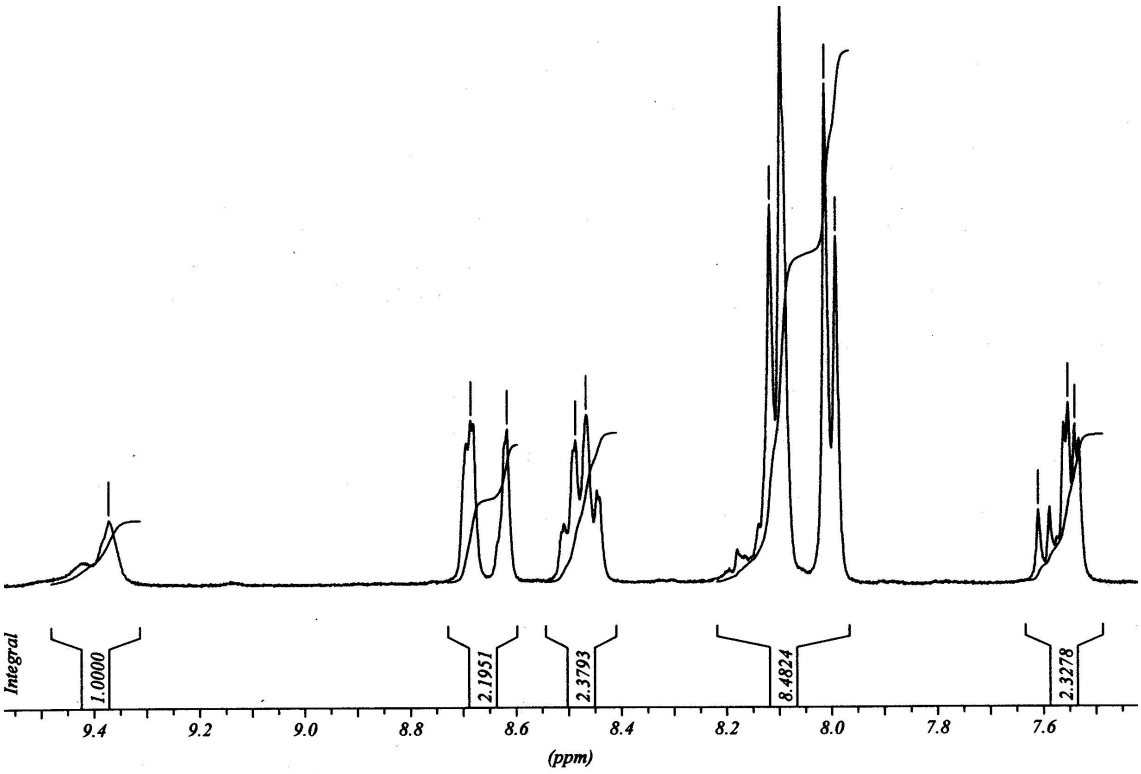
Aromatic zone of the ^{1}H NMR spectrum of ligand **1** (in d6-DMSO)



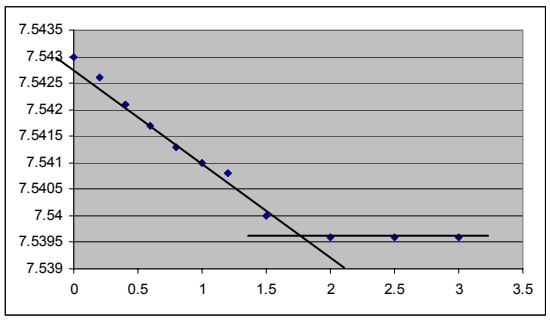
Aromatic zone of the ^{1}H NMR spectrum of ligand **1** + TBAbenzoate (in DC_3CN)



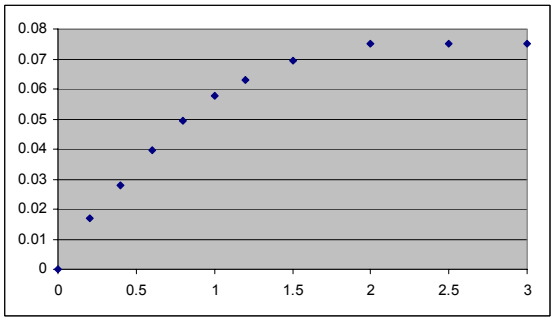
Aromatic zone of the ^{1}H NMR spectrum of ligand **1** + TBA 4-methoxybenzoate (in d6-DMSO)



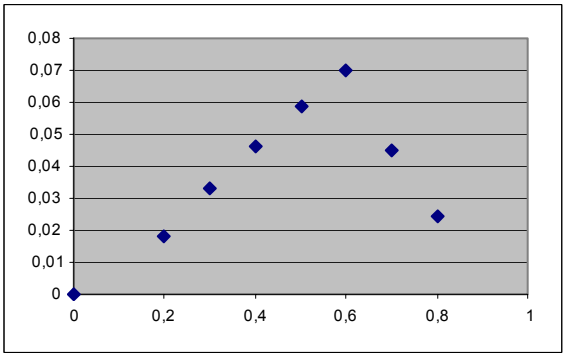
Aromatic zone of the ^{1}H NMR spectrum of ligand **1** + TBA 4-nitrobenzoate (in d6-DMSO)



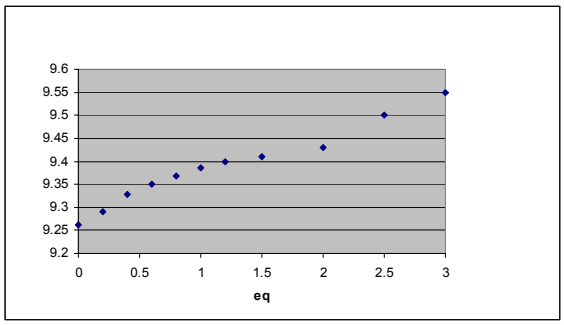
Stoichiometry for the complex formed between ligand **1** and tetrabutylammonium bromide in CD_3CN (determined by molar ratio titration using ^1H NMR)



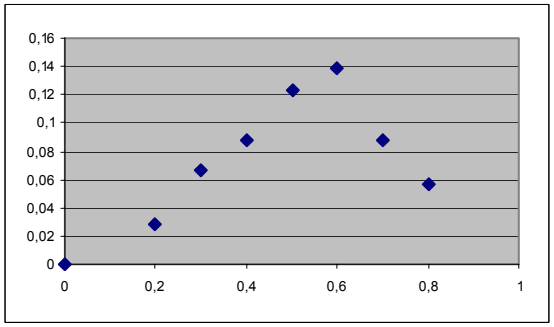
Stoichiometry for the complex formed between ligand **1** and tetrabutylammonium 4-nitrobenzoate in d_6-DMSO (determined by molar ratio titration using ^1H NMR)



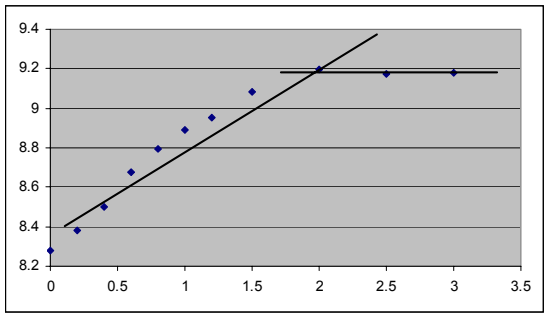
Stoichiometry for the complex formed between ligand **1** and tetrabutylammonium 4-nitrobenzoate in d_6-DMSO (Job plot using ^1H NMR)



Stoichiometry for the complex formed between ligand **1** and tetrabutylammonium 4-methoxybenzoate in d_6-DMSO (determined by molar ratio titration using ^{1}H NMR)



Stoichiometry for the complex formed between ligand **1** and tetrabutylammonium 4-nitrobenzoate in d_6-DMSO (Job plot using ^{1}H NMR)



Stoichiometry for the complex formed between ligand **1** and tetrabutylammonium 4-acetate in CD_3CN (determined by molar ratio titration using ^{1}H NMR)