SUPPORTING INFORMATION FOR

The different electronic natures displayed by the alkylthio groups in simple and higher conjugated aniline systems

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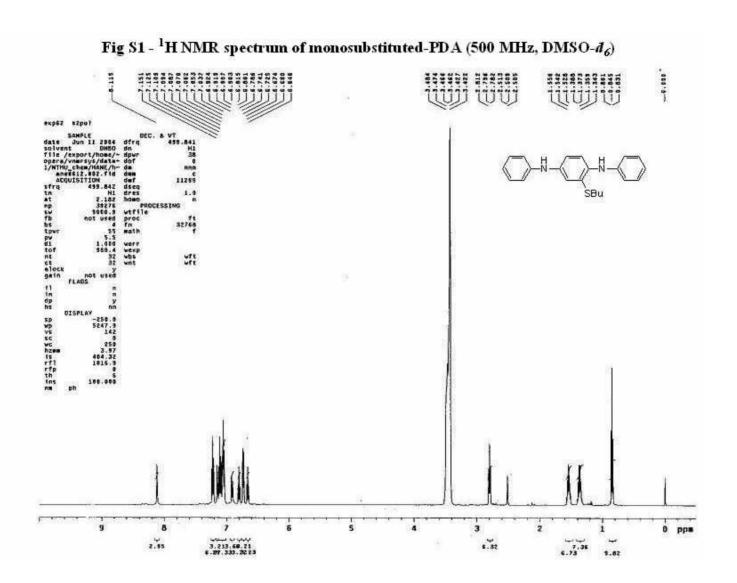
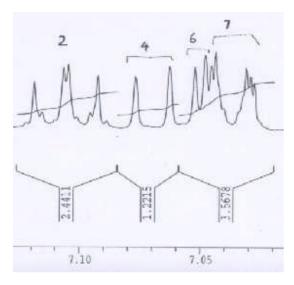
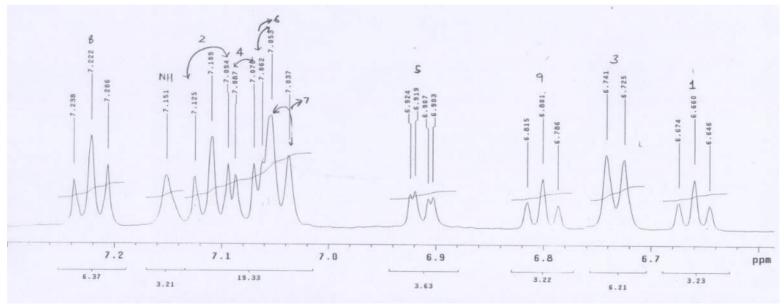


Fig S2 - Expansion of the aromatic region of mono-PDA (500 MHz, DMSO-d6)



(the protons 2, 4, 6, 7 are better resolved with 600 MHz NMR, in DMSO-d6 and are presented here to support our assignments in this region)



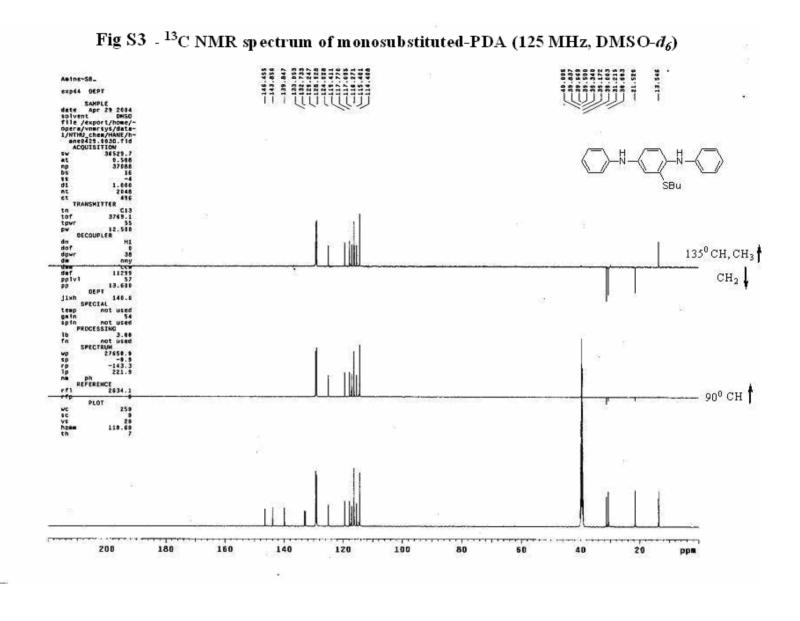
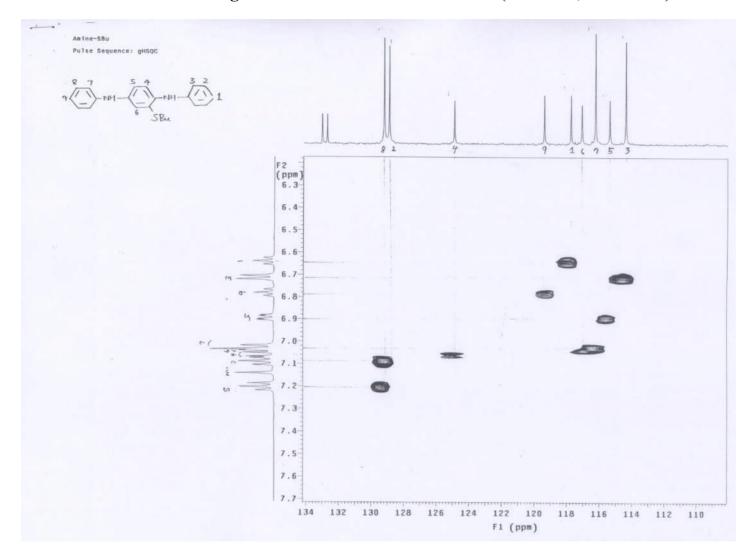


Fig S4 - 2D HETCOR of mono-PDA (500 MHz, DMSO-d6)



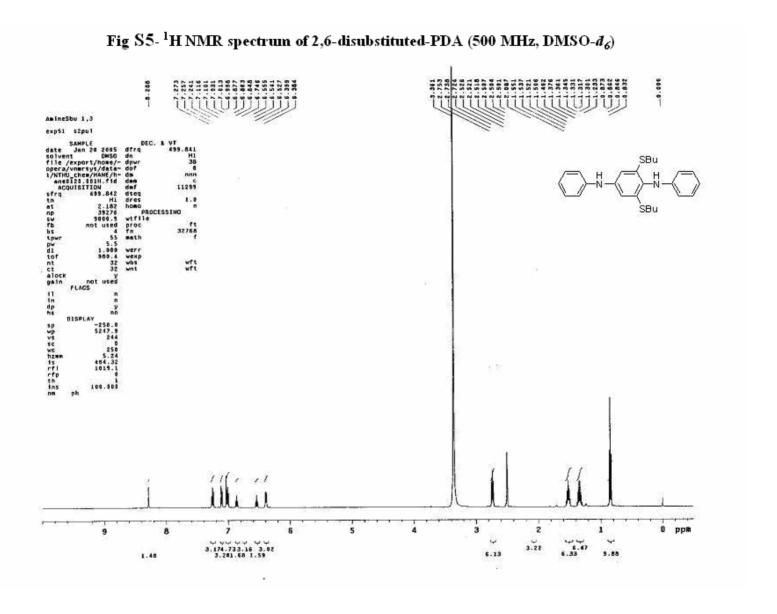


Fig S6 - Expansion of the aromatic region of 2,6-disubstitued PDA

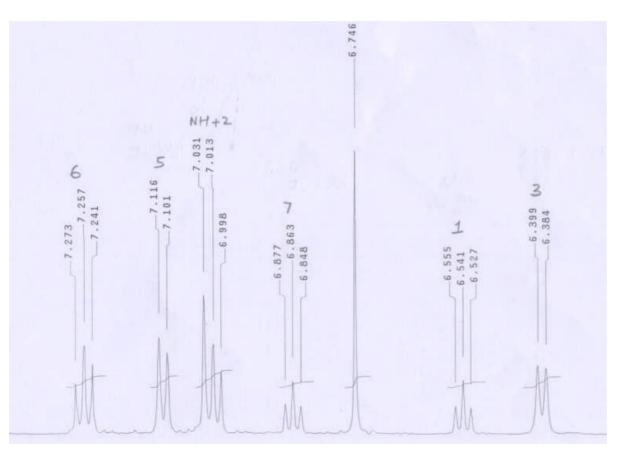


Fig S7 - ¹³C of 2,6-disubstituted PDA (500 MHz, DMSO-*d6*) exp7 DEPT SAMPLE
date Sep 3 2005
solvent DMS0
file /export/home/opera/vnmrsys/data/NTHU_chem/HANE/hane0308.0010.fid
ACQUISITION
SW 36529.7
et 0.508 at np bs ss d1 nt ct 1,000 10000 10000 TRANSMITTER tn tof tpwr pw dn dof dpwr dm C13 3769.1 DECOUPLER 12.500 13.000 DEPT p not used n 54 n not used PROCESSING wp sp rp lp nm REFERENCE 4340.0 PLOT 110.60 25 180 160 140 120 80 ppm

Fig S8 - 2D-HETCOR of 2,6-disubstituted PDA(600 MHz, DMSO-d6) -120