

Supporting Information

Electrochemical investigations on anticorrosive and electrochromic properties of electroactive polyurea

^{13}C NMR ($\text{d}_6\text{-DMSO}$): 155.88, 145.25, 137.18, 134.45, 129.54, 119.55, 119.48,
118.79, 115.48, 39.48, 30.31, 26.63, as shown in Fig. S1.

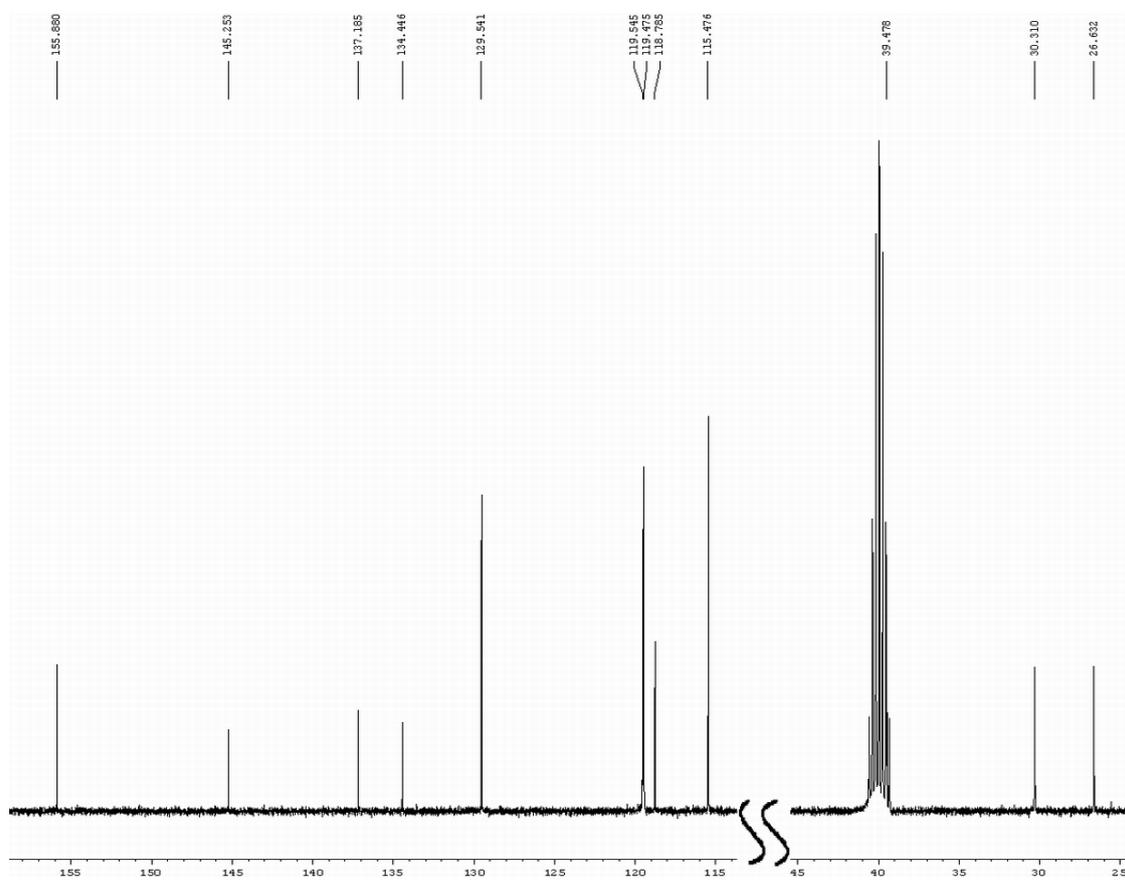


Figure S1. ^{13}C NMR spectrum of the oligoaniline.

2D ^{13}C - ^1H heteronuclear multiquantum correlated NMR spectroscopy (HMQC) spectrum of the oligoaniline.

^1H -NMR (d_6 -DMSO): $\delta = 8.17$ (s, 2H, due to H5), $\delta = 7.83$ (s, 2H, due to H8), $\delta = 7.27 - 7.24$ (d, 4H, due to H6), $\delta = 7.17 - 7.12$ (t, 4H, due to H10), $\delta = 6.97 - 6.91$ (t, 8H, due to H7, H9), $\delta = 6.72 - 6.67$ (t, 2H, due to H11), $\delta = 6.03 - 5.99$ (t, 2H, due to H4), $\delta = 3.07 - 3.05$ (d, 4H, due to H3), $\delta = 1.42 - 1.30$ (8H, due to H1,H2).

^{13}C NMR (d_6 -DMSO): 155.88, 145.25, 137.18, 134.45, 129.54, 119.55, 119.48, 118.79, 115.48, 39.48, 30.31, 26.63.

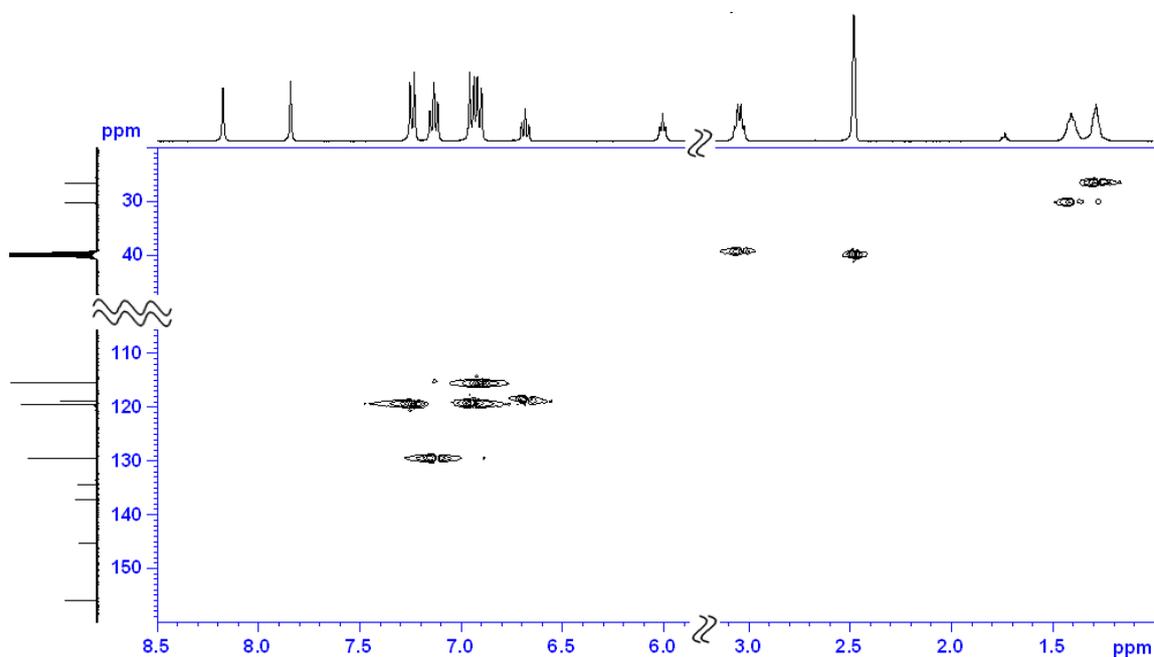


Figure S2. 2D ^{13}C - ^1H heteronuclear multiquantum correlated NMR spectroscopy (HMQC) spectrum of the oligoaniline.

$^1\text{H-NMR}$ ($\text{d}_6\text{-DMSO}$): $\delta = 7.51 - 6.57$ (m, 20H, due to Ar-H), $\delta = 3.07 - 3.05$ (4H, due to $-\text{CH}_2-$), $\delta = 1.42 - 1.30$ (8H, due to $-\text{CH}_2-$).

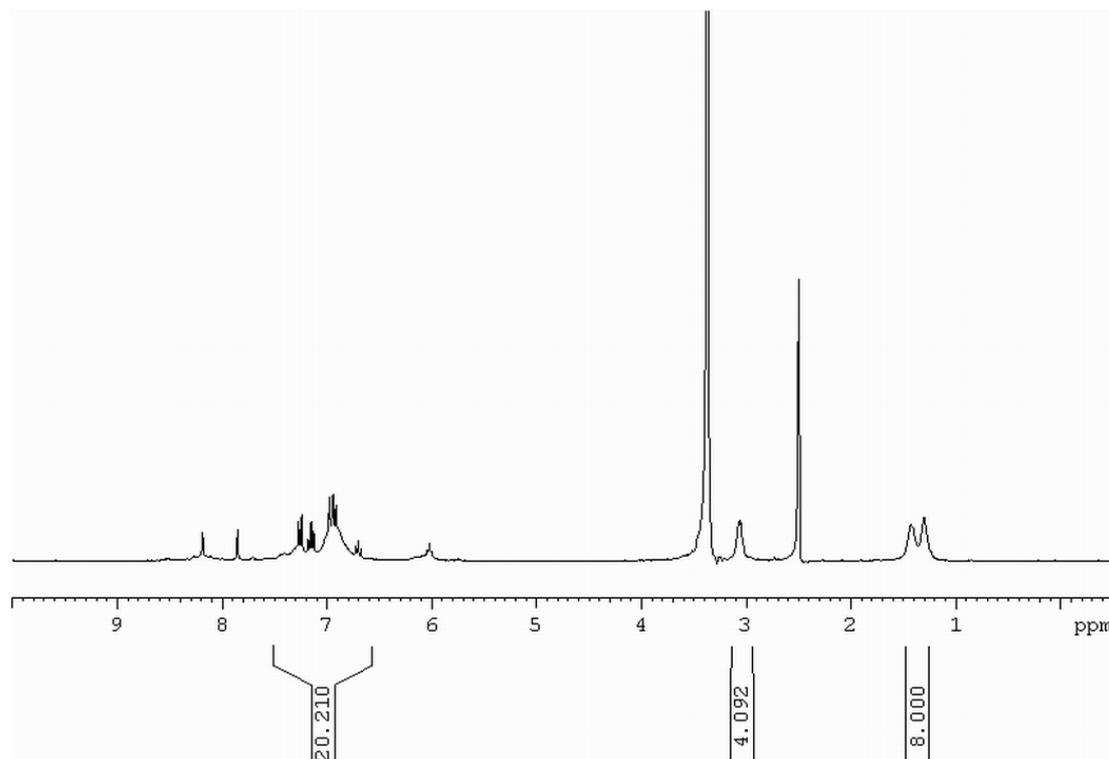


Figure S3. ^1H NMR spectrum of EPU.