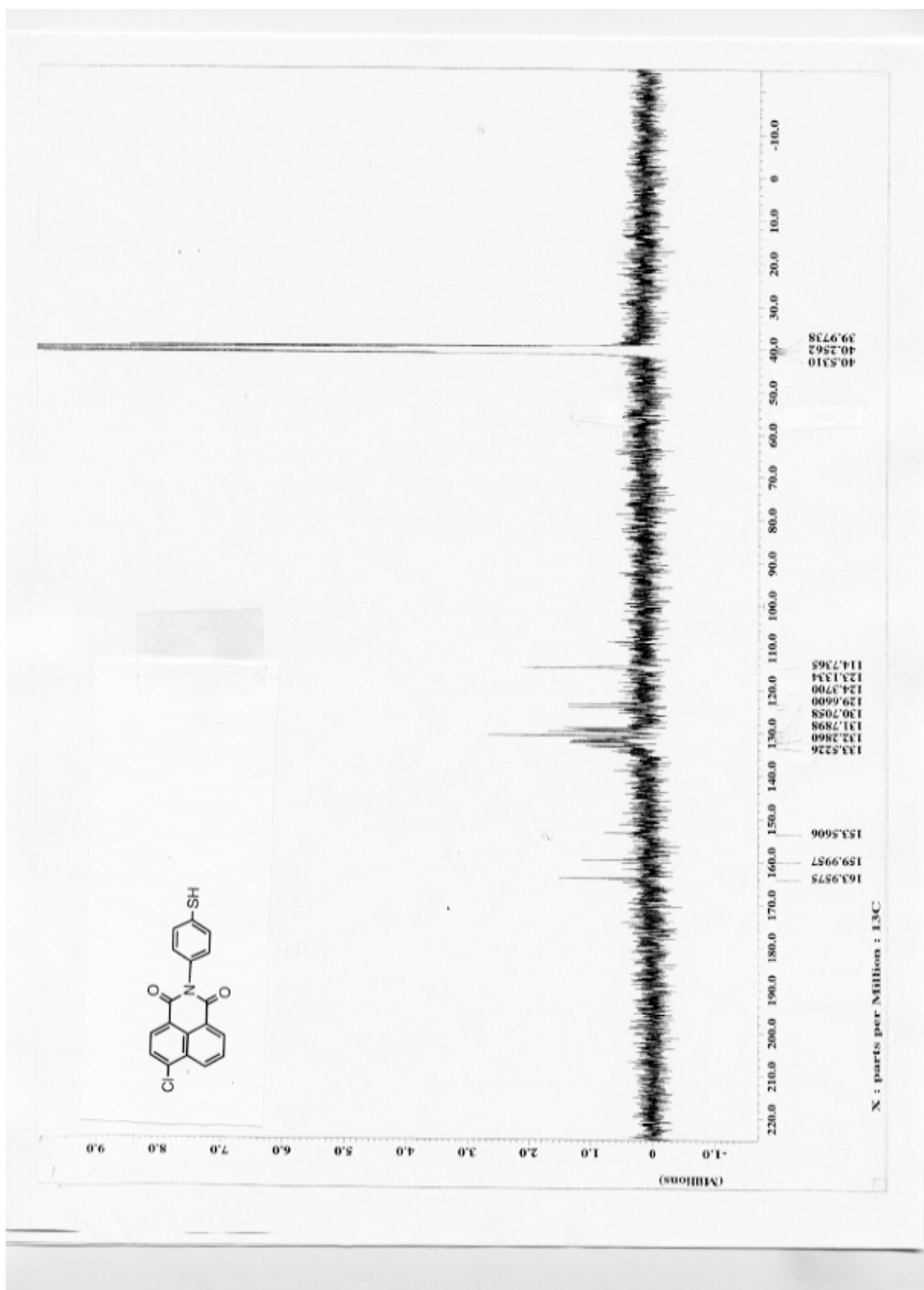


¹H NMR for 4-thiophenyl-1,8-NI (9)



¹³C NMR for 4-thiophenyl-1,8-NI (9)