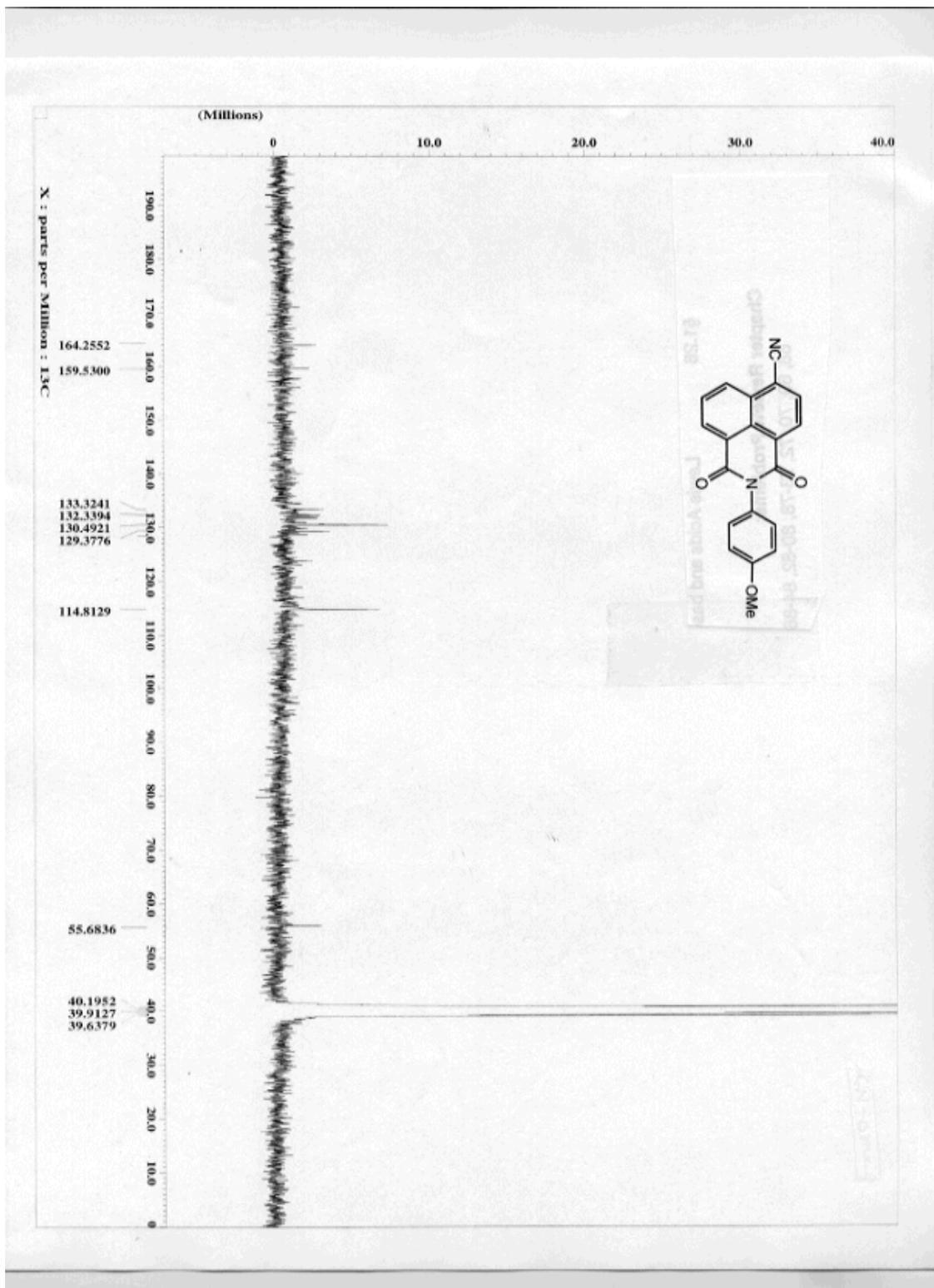
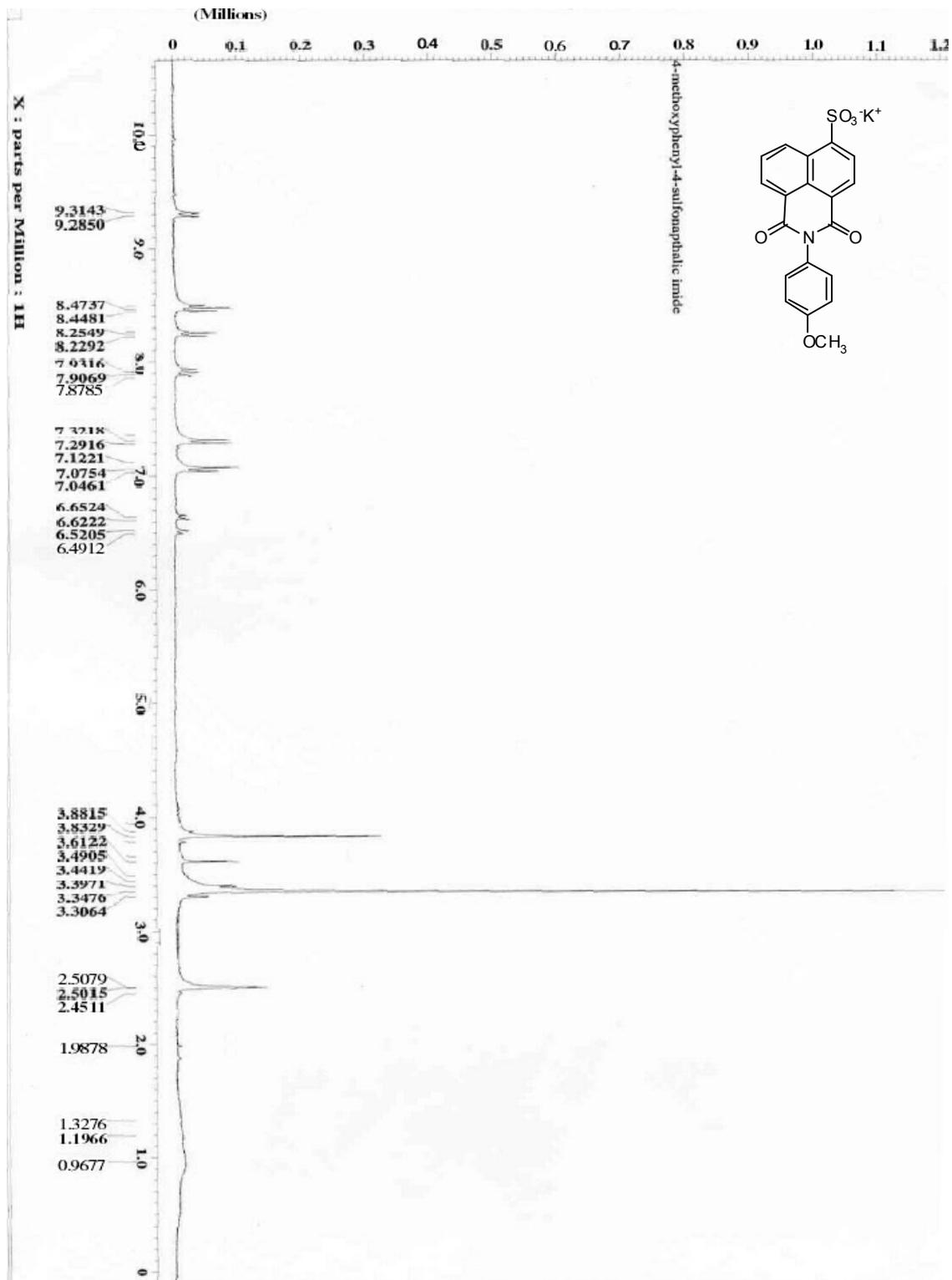


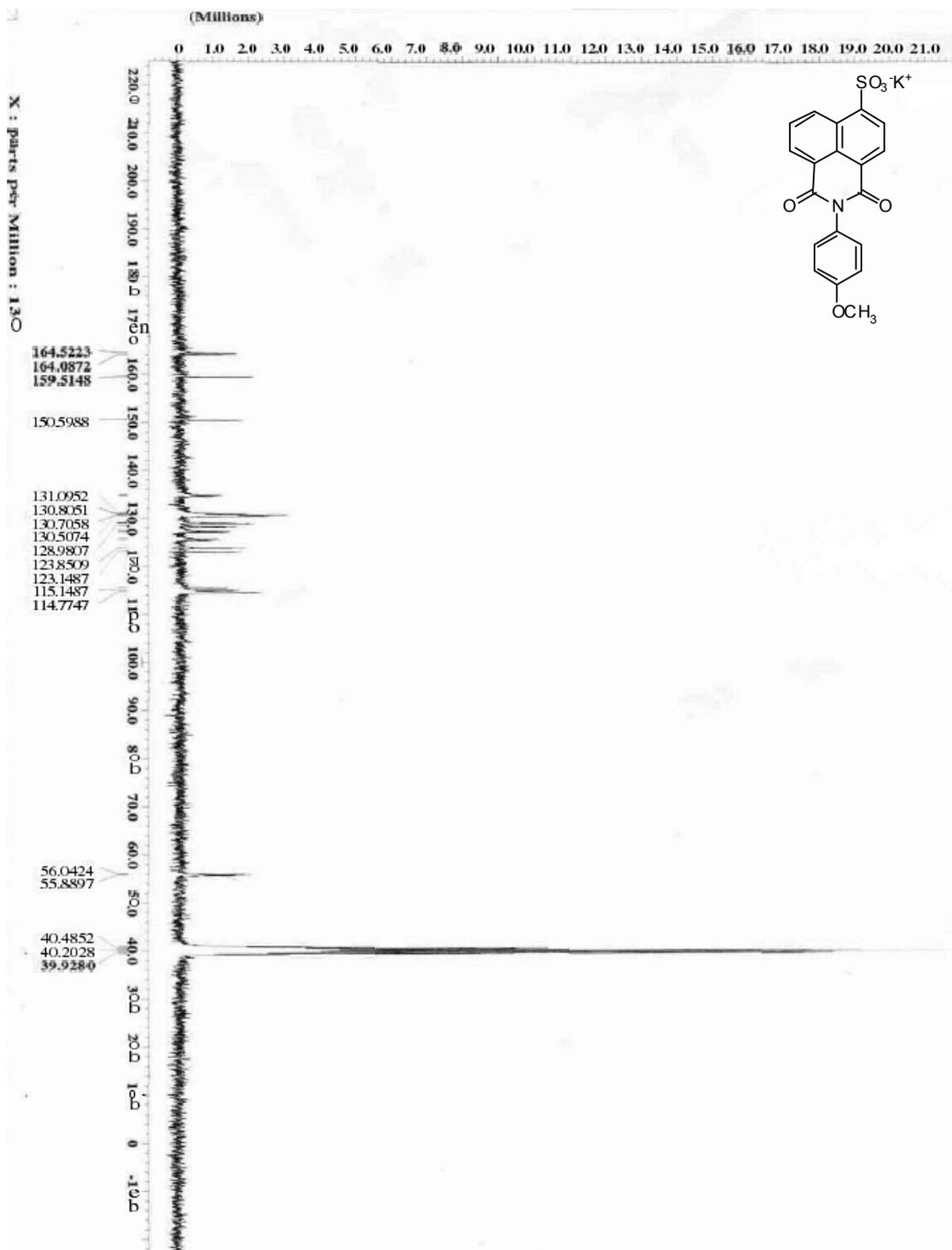
<sup>1</sup>H NMR for 4-methoxyphenyl-4'-cyano-1,8-NI (1)



<sup>13</sup>C NMR for 4-methoxyphenyl-4'-cyano-1,8-NI (1)

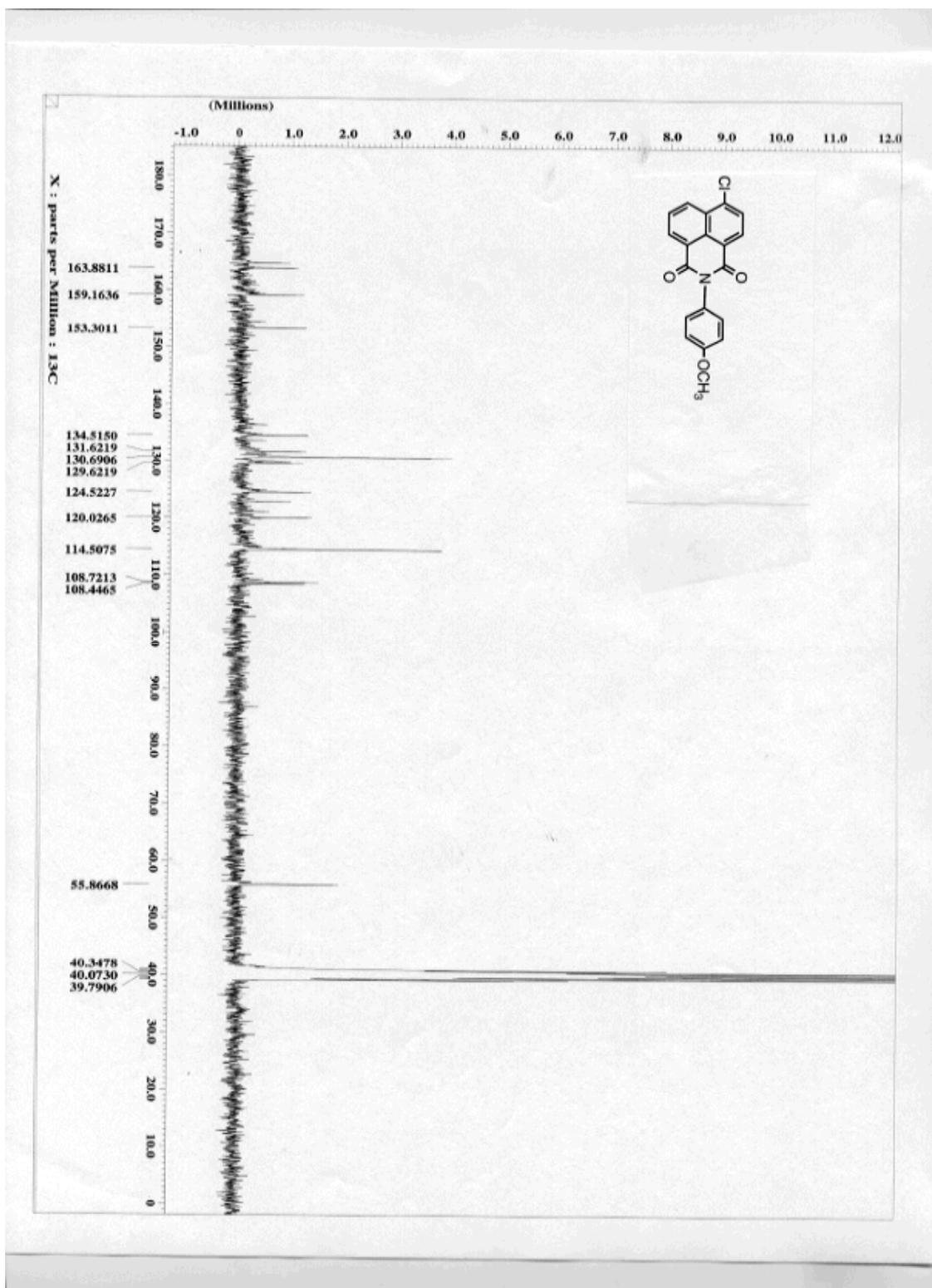


<sup>1</sup>H NMR for 4-methoxyphenyl-4'-sulfo-1,8-ni (2)

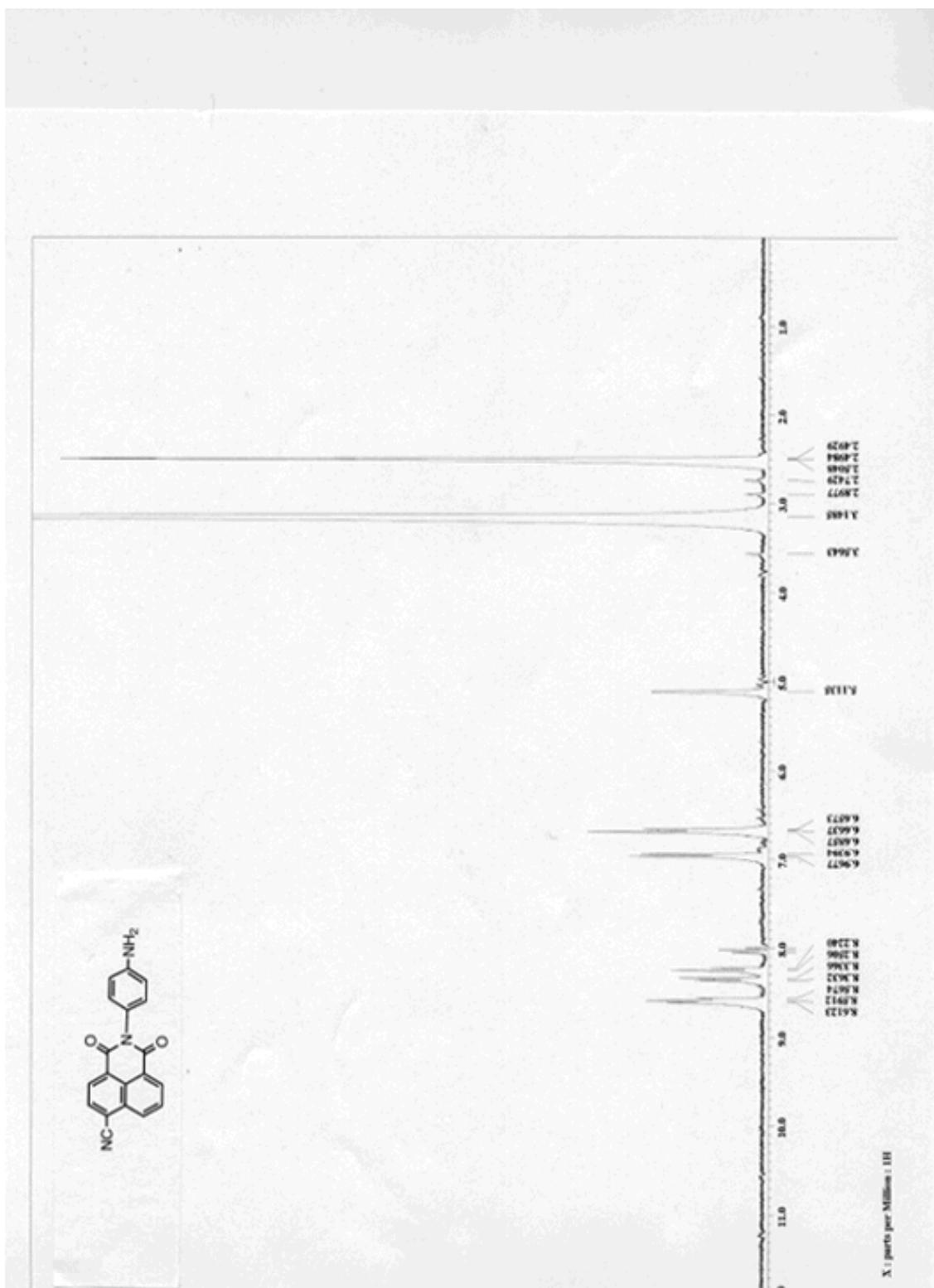


<sup>13</sup>C NMR for 4-methoxyphenyl-4'-sulfo-1,8-NI (2)

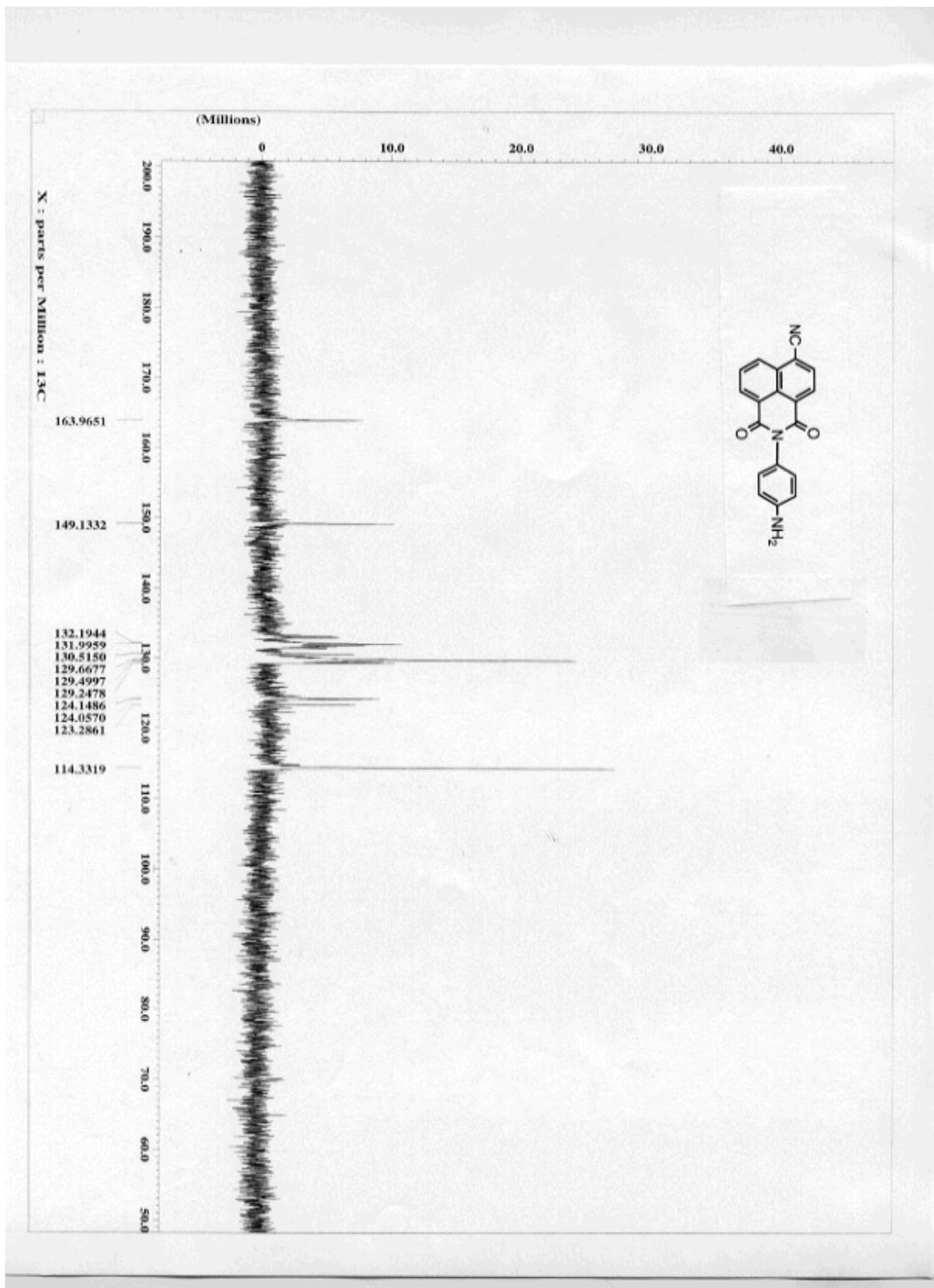




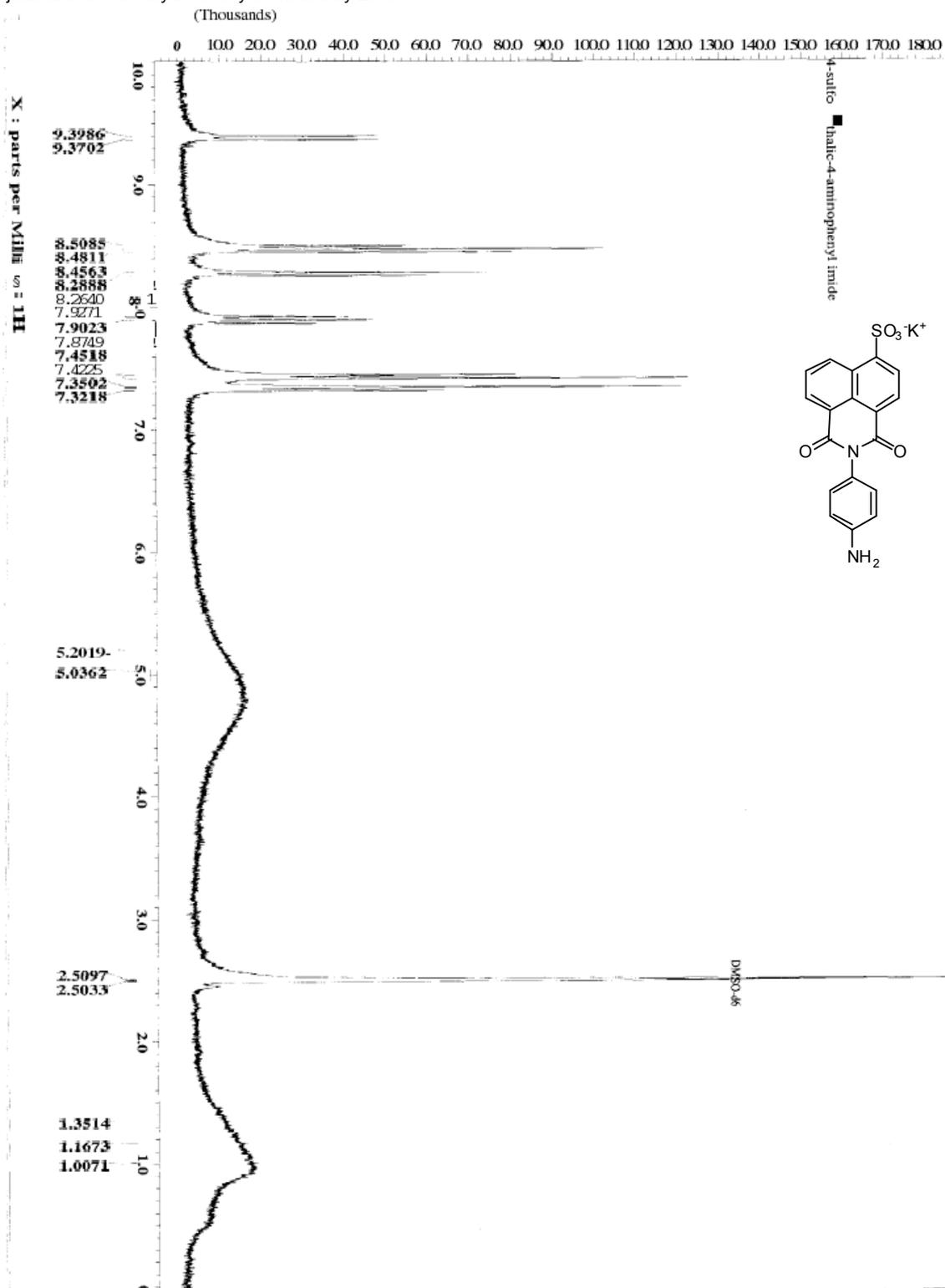
$^{13}\text{C}$  NMR for 4-methoxyphenyl-4'-chloro-1,8-NI (**3**)



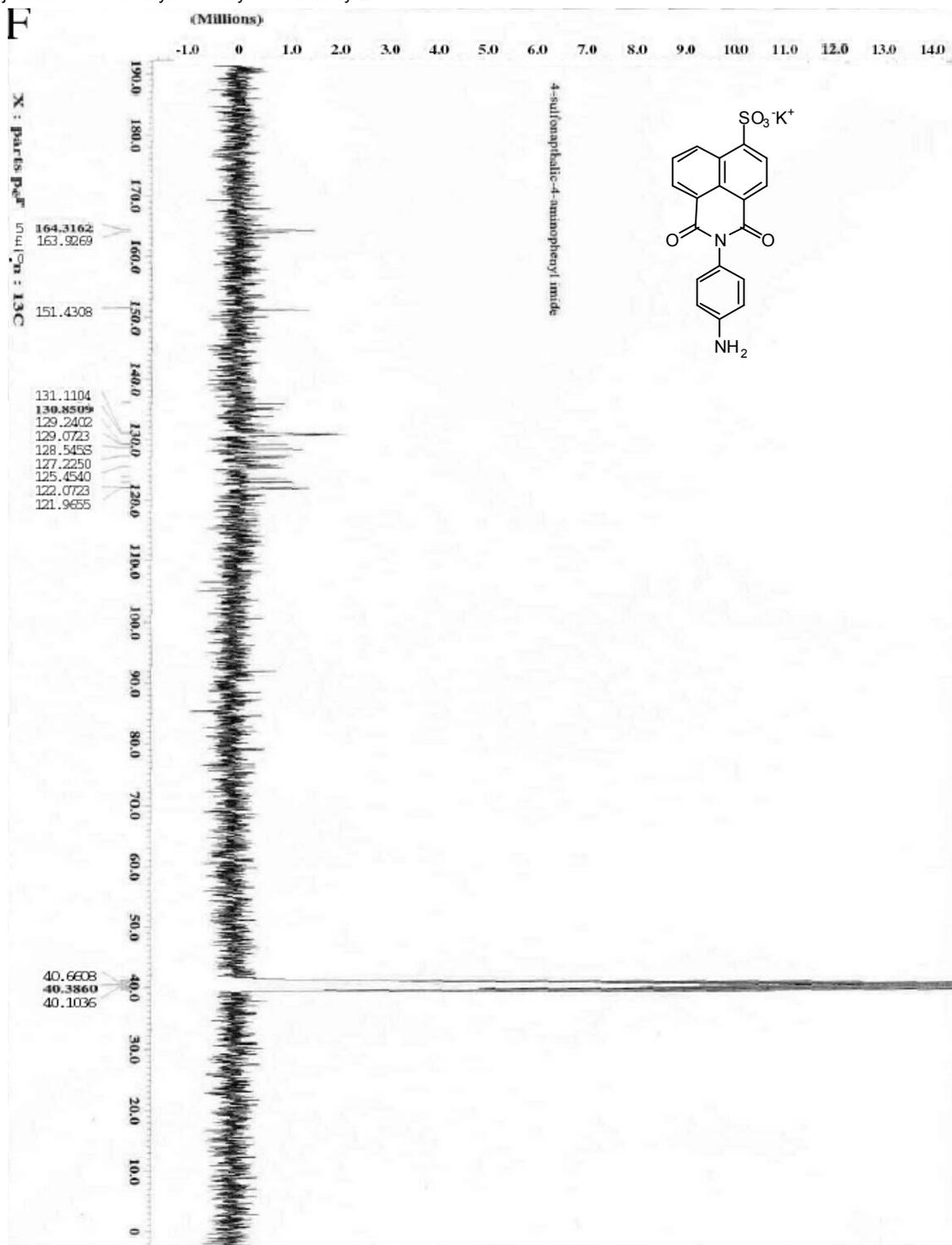
<sup>1</sup>H NMR for 4-aminophenyl-4'-cyano-1,8-NI (4)



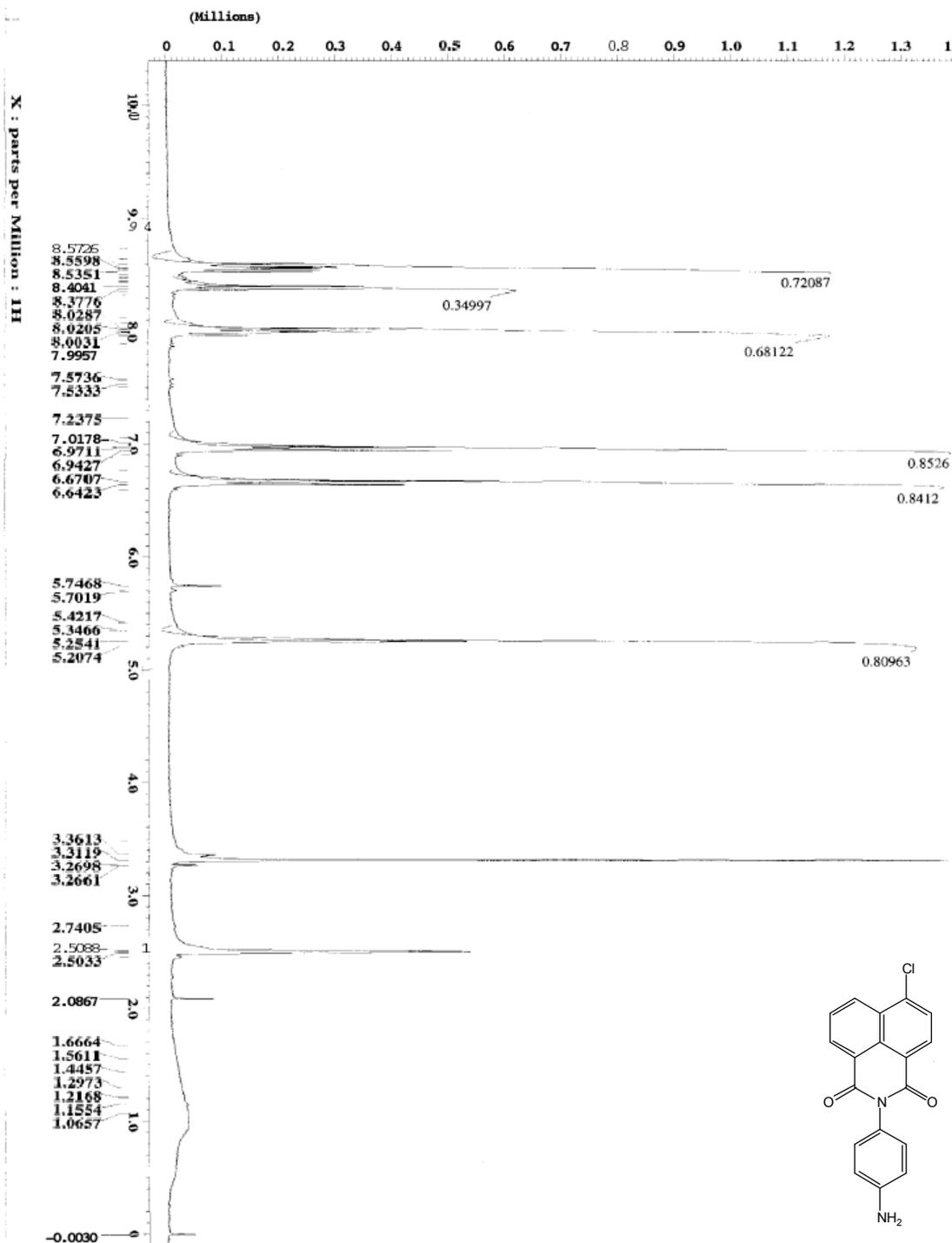
<sup>13</sup>C NMR for 4-methoxyphenyl-4'-sulfo-1,8-NI (4)



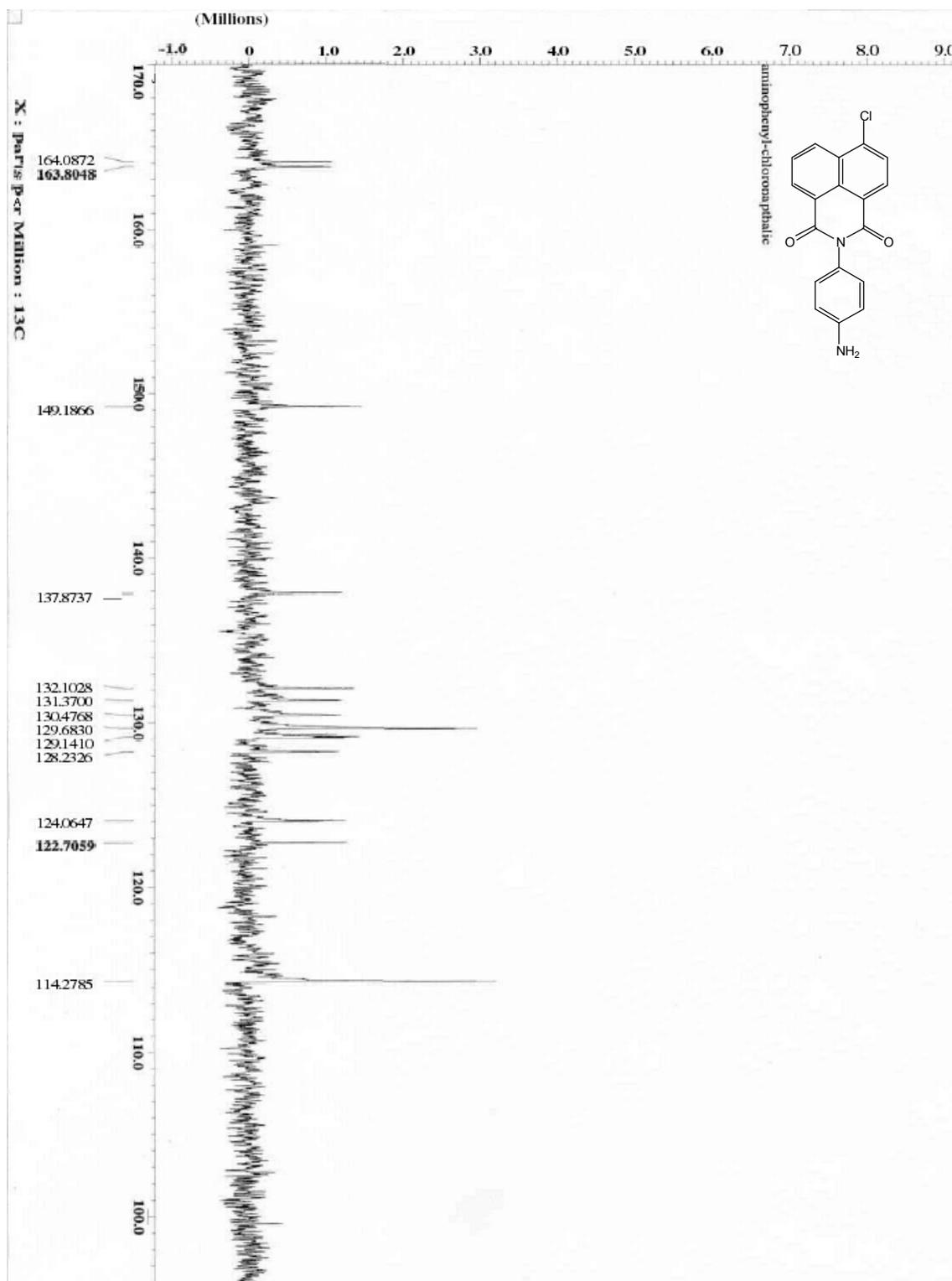
$^{13}\text{C}$  NMR for 4-aminophenyl-4'-sulfo-1,8-NI (5)



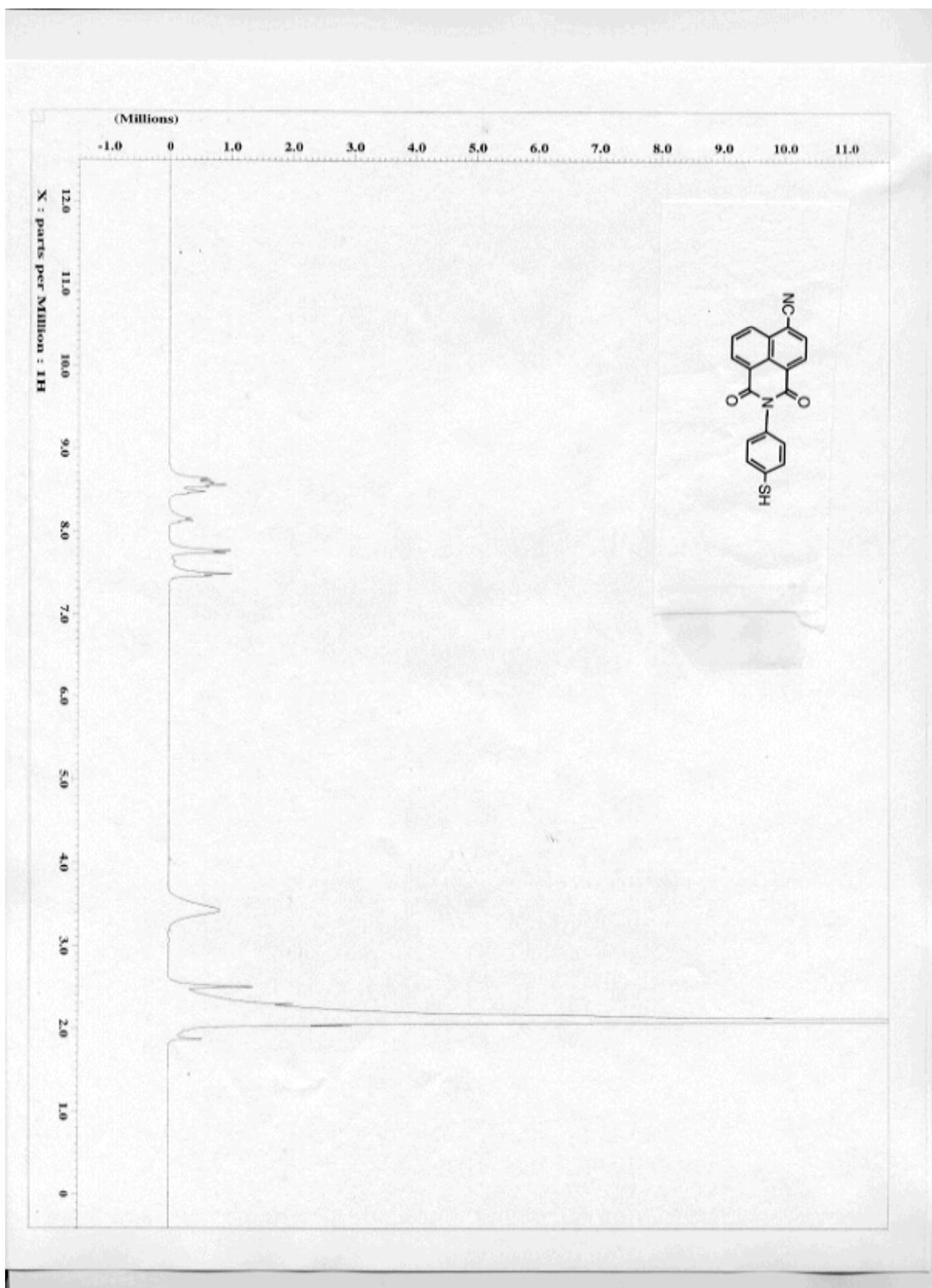
$^{13}\text{C}$  NMR for 4-aminophenyl-4'-sulfo-1,8-NI (5)



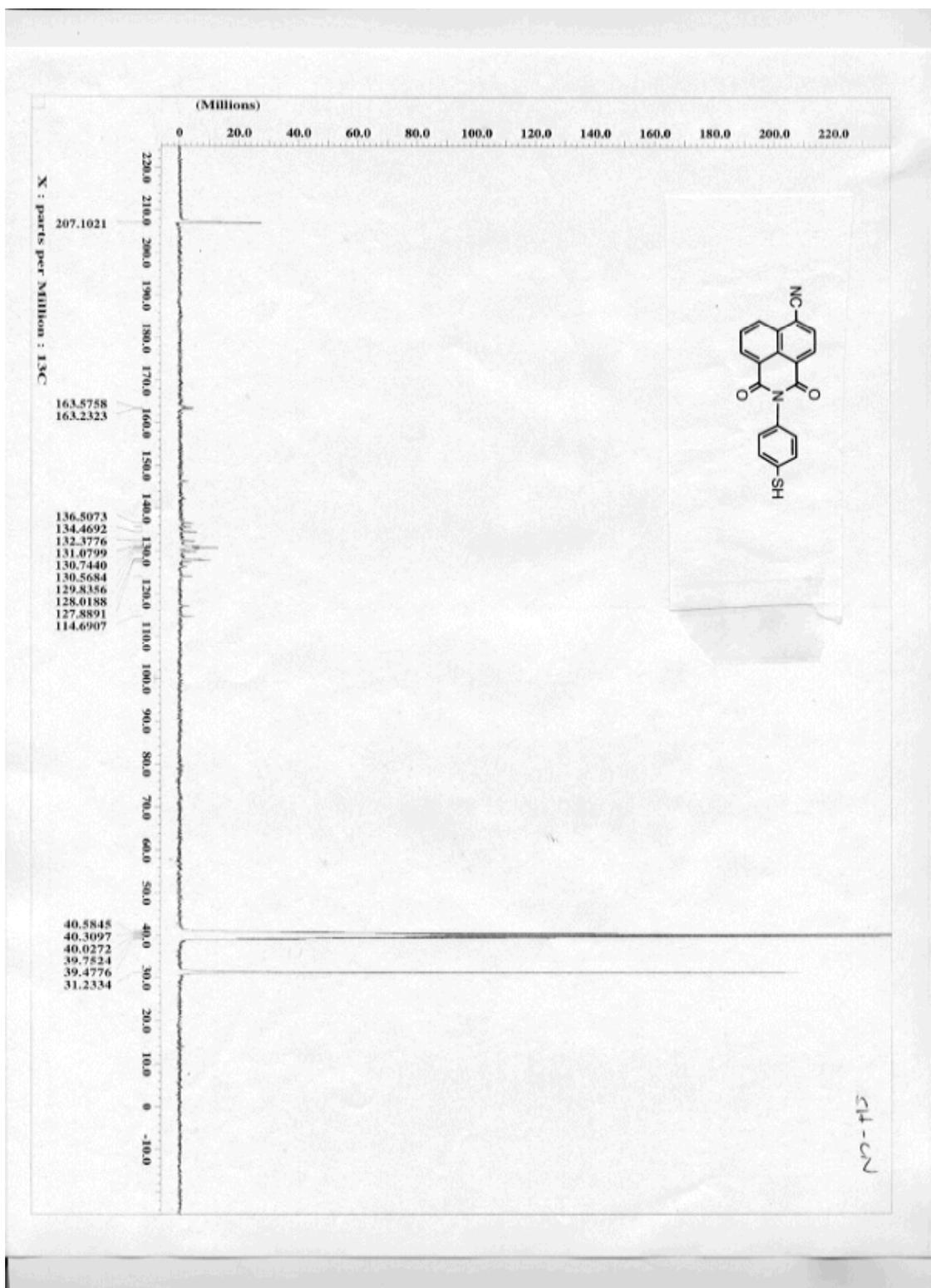
1H NMR for 4-aminophenyl-4'-chloro-1,8-NI (6)



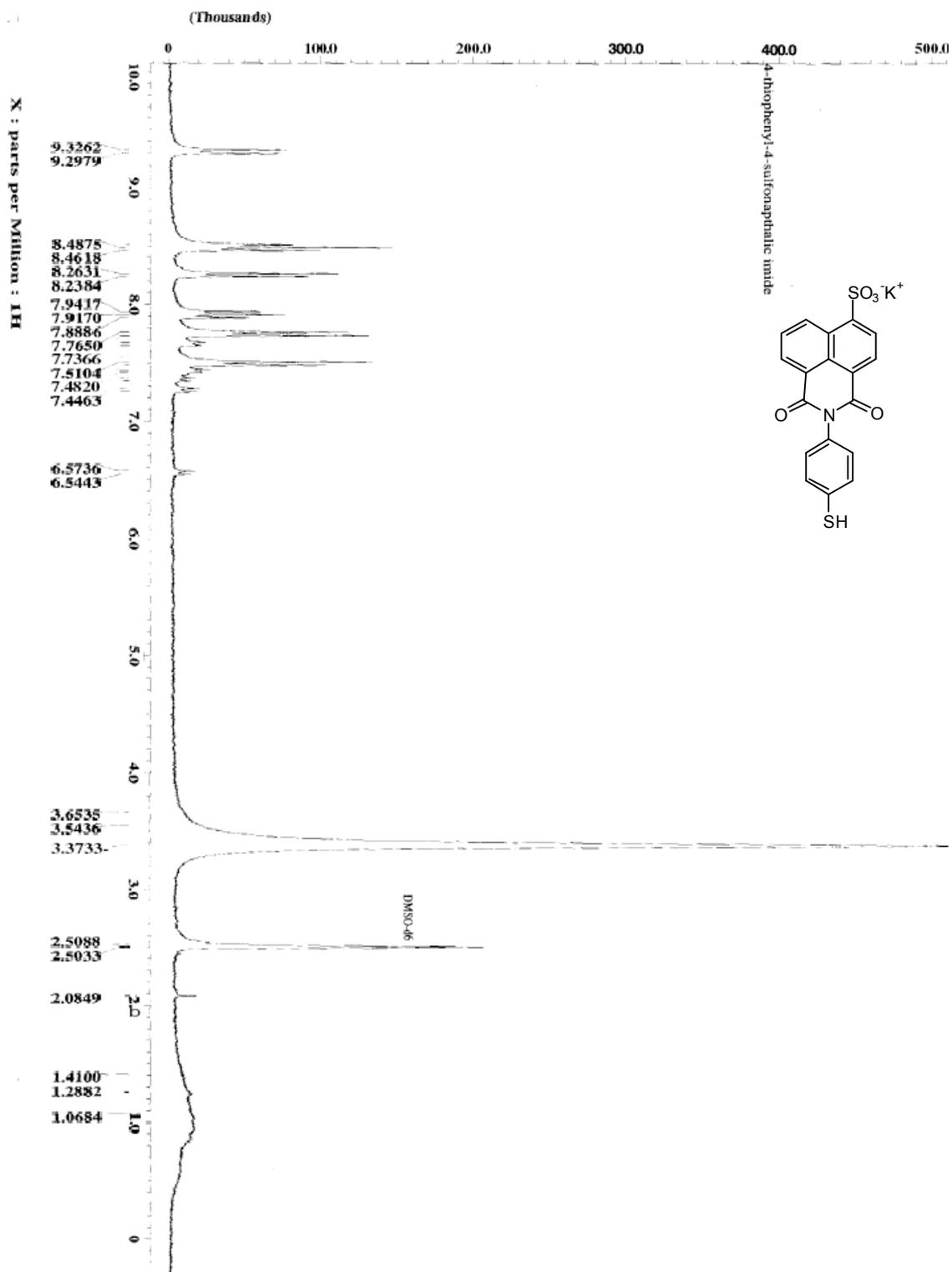
13C NMR for 4-aminophenyl-4'-chloro-1,8-NI (6)



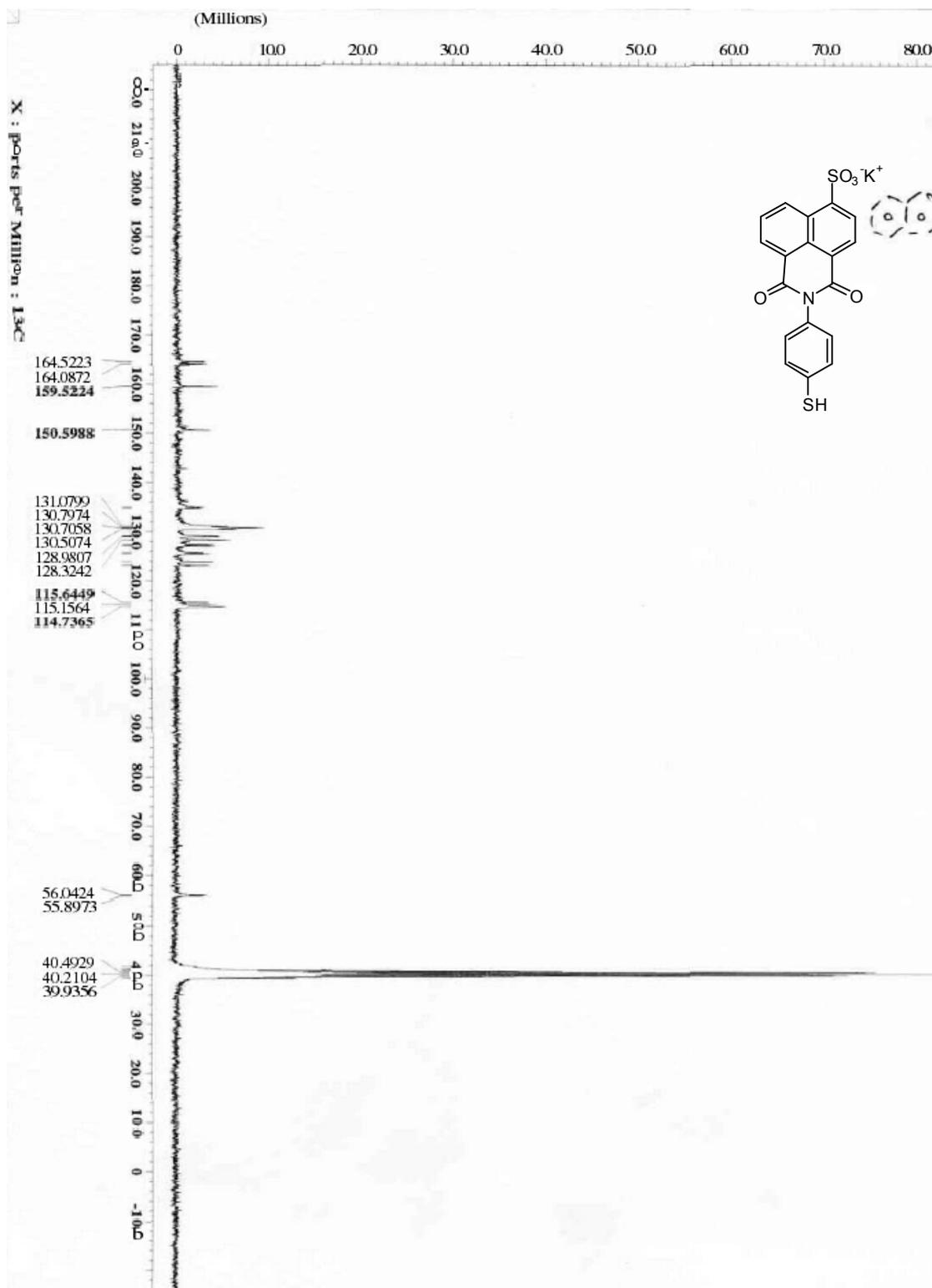
<sup>1</sup>H NMR for 4-thiophenyl-4'-cyano-1,8-NI (7)



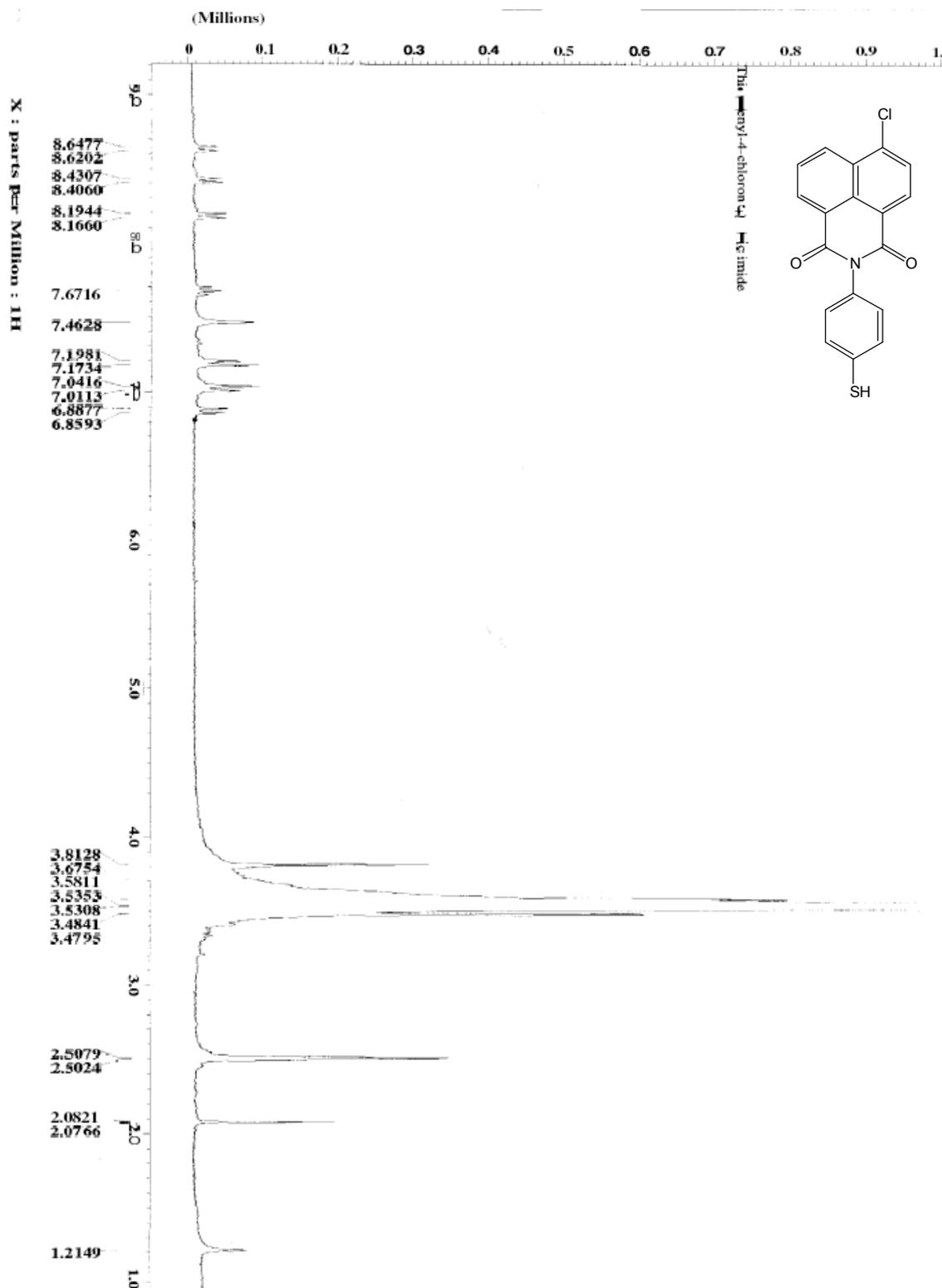
<sup>13</sup>C NMR for 4-thiophenyl-4'-cyano-1,8-ni (7)



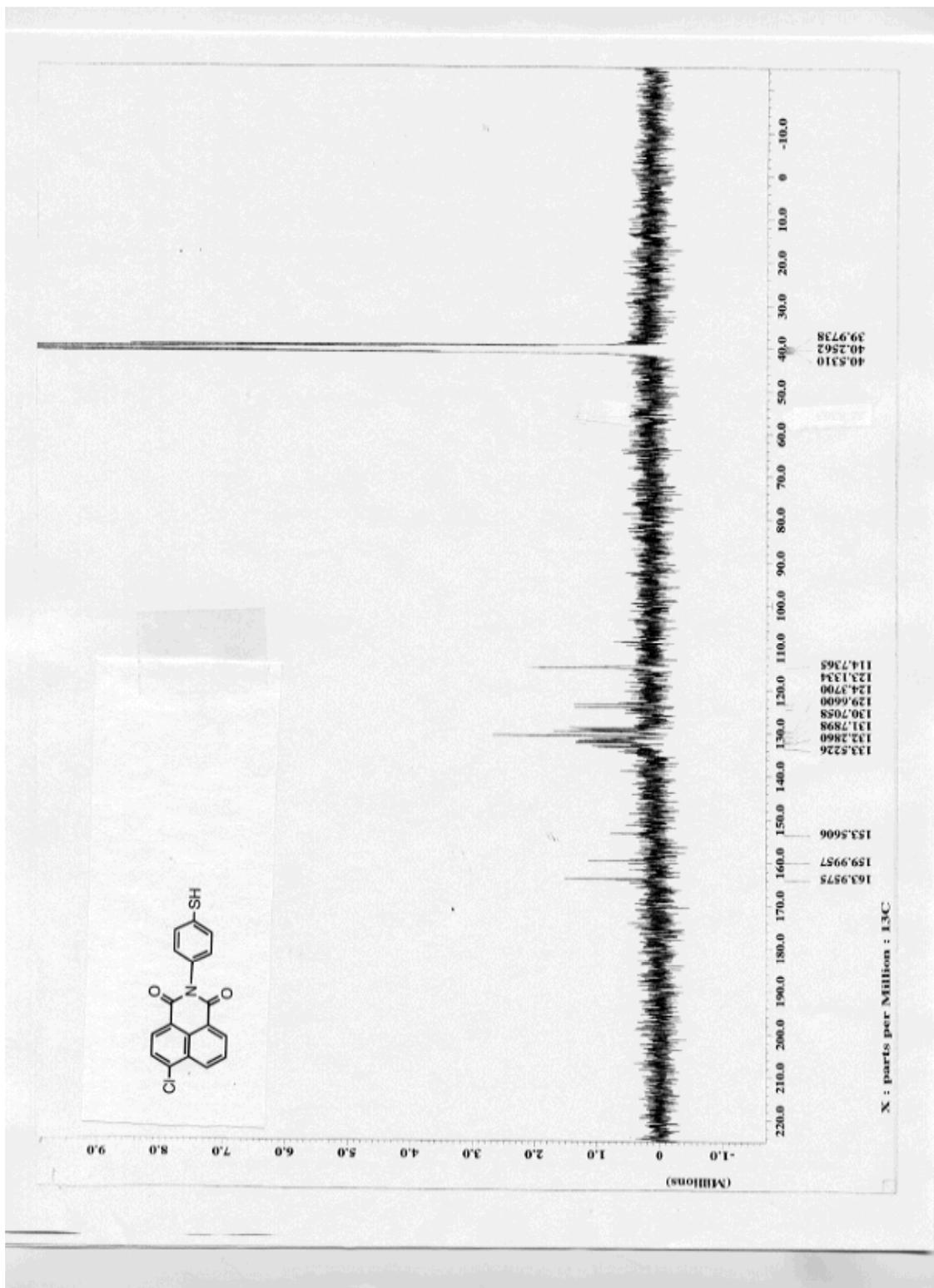
<sup>1</sup>H NMR for 4-thiophenyl-4'-sulfo-1,8-NI (**8**)



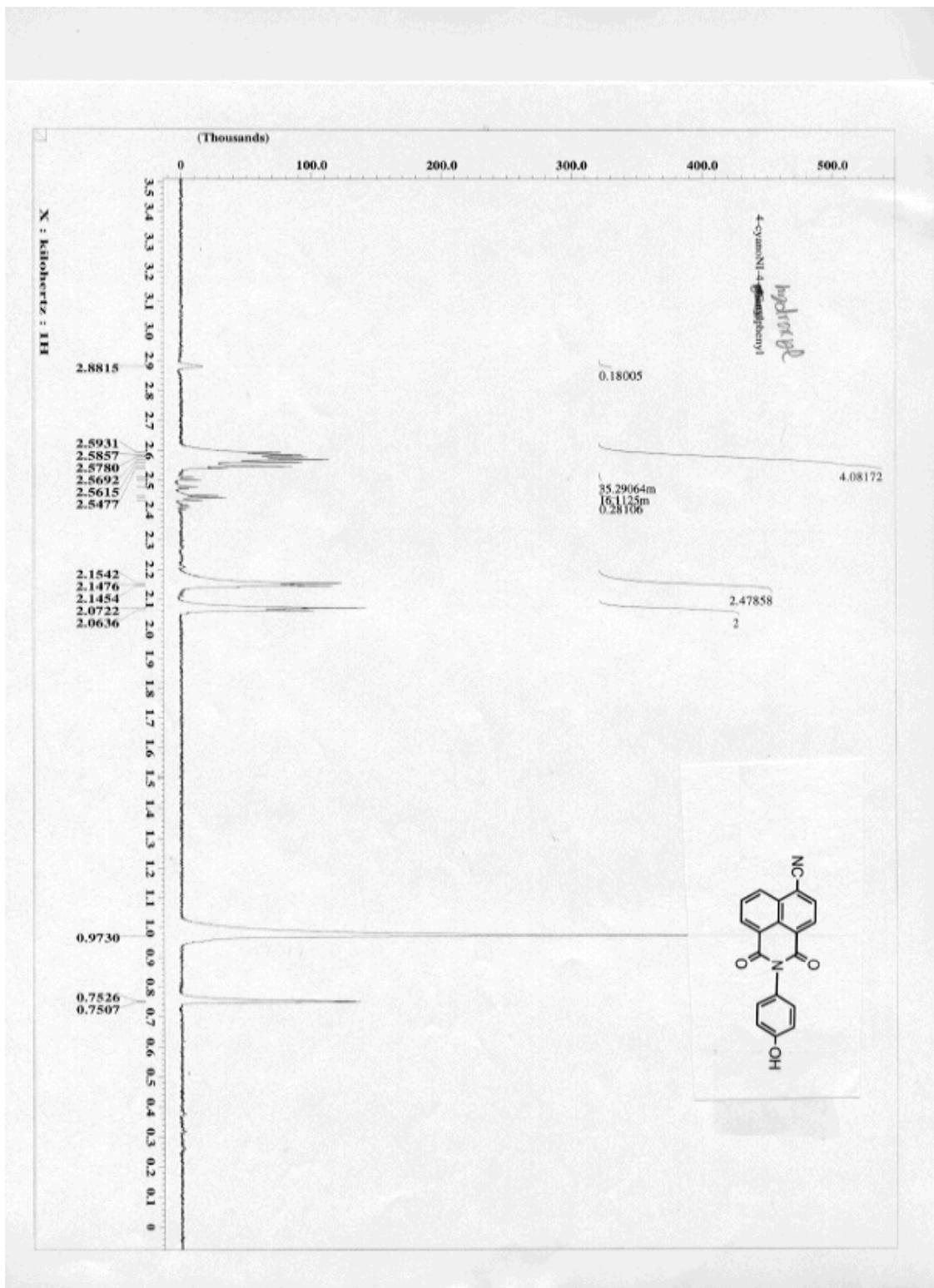
<sup>13</sup>C NMR for 4-thiophenyl-4'-cyano-1,8-NI (**8**)



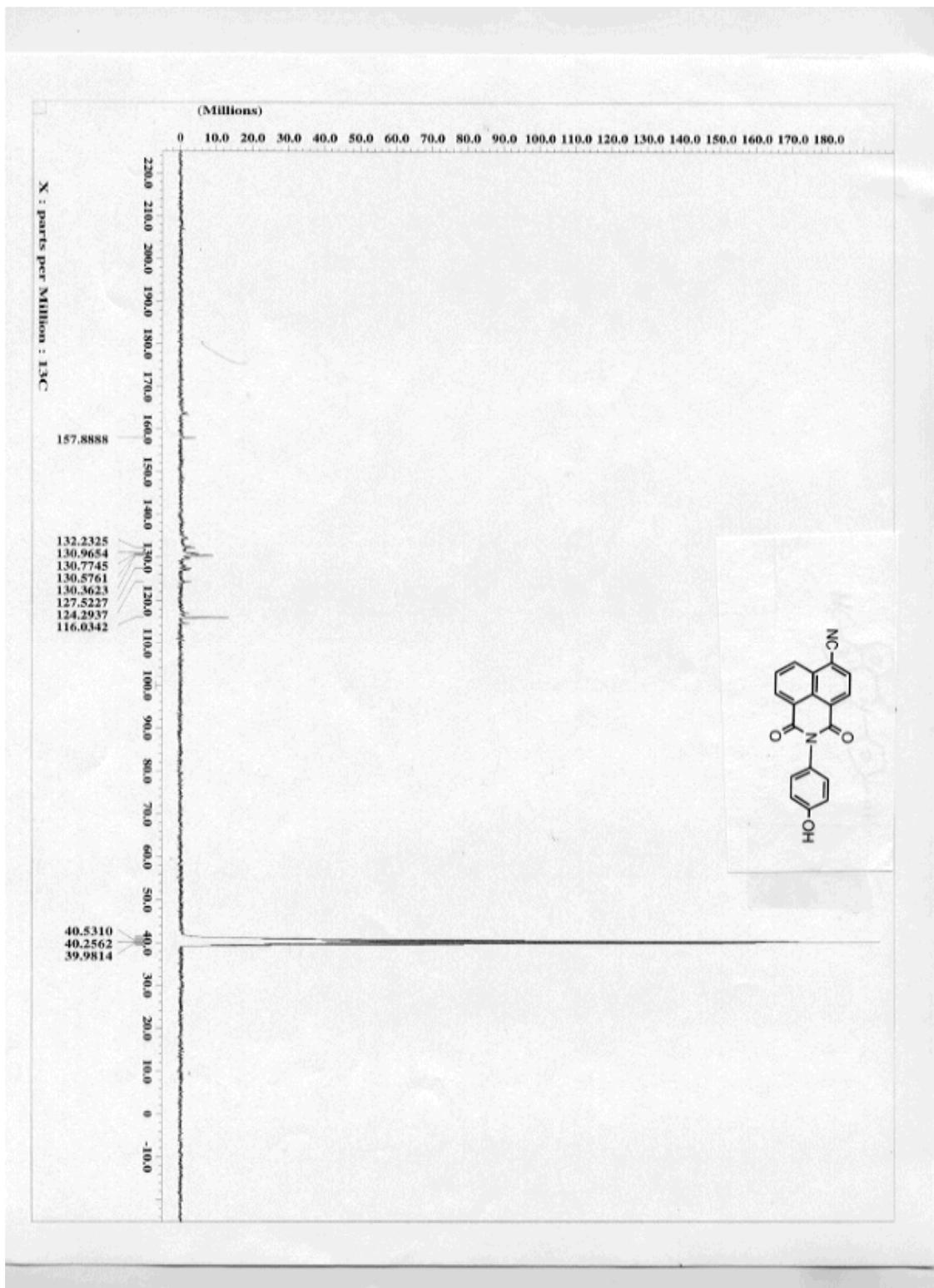
<sup>1</sup>H NMR for 4-(4-chlorophenyl)-1,8-naphthimide (9)



$^{13}\text{C}$  NMR for 4-thiophenyl-1,8-NI (**9**)



<sup>1</sup>H NMR for 4-thiophenyl-1,8-NI (10)



<sup>13</sup>C NMR for 4-thiophenyl-1,8-NI (10)