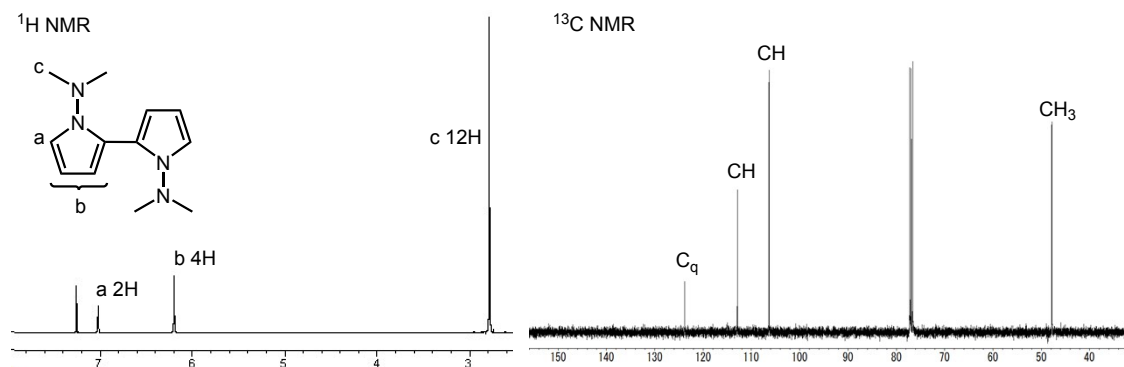
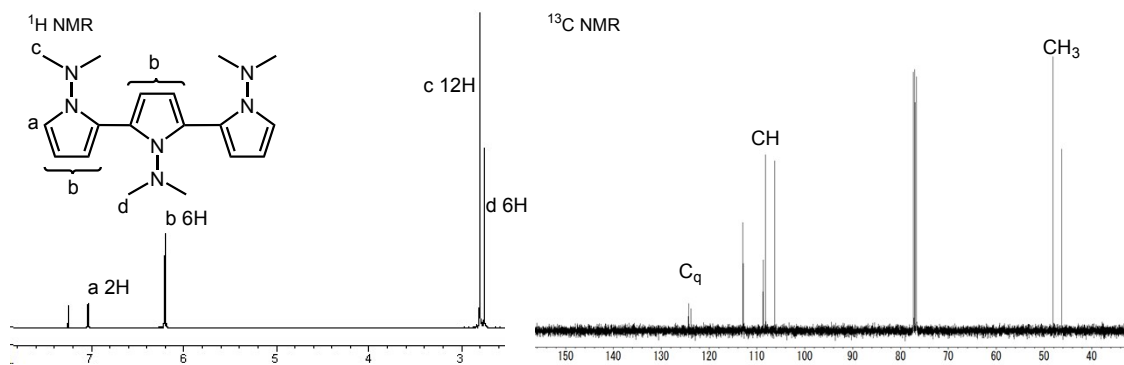


19. Copies of ^1H & ^{13}C NMR

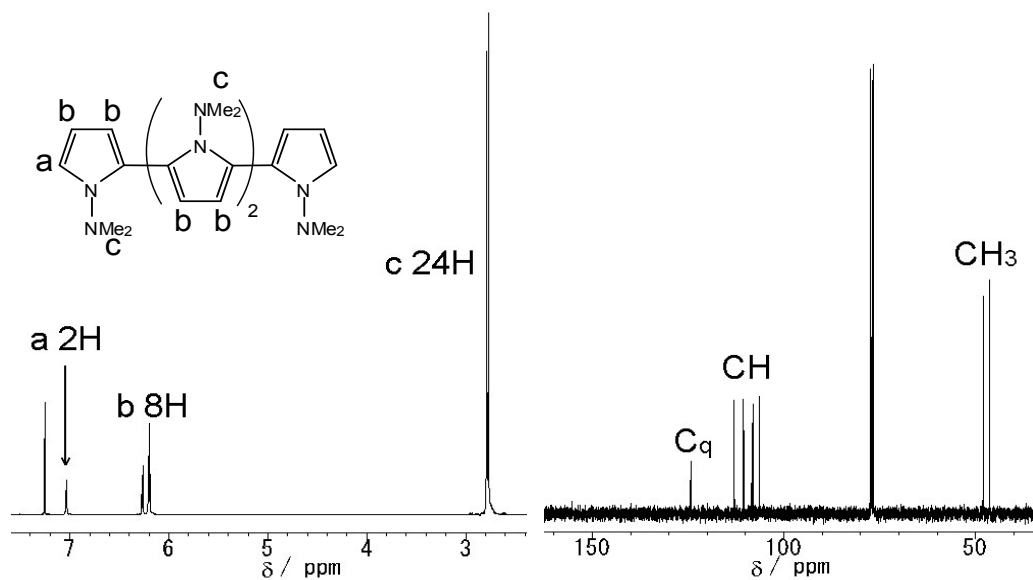
(i) 2,2'-bi[1-(*N,N*-dimethylamino)pyrrole] (2)



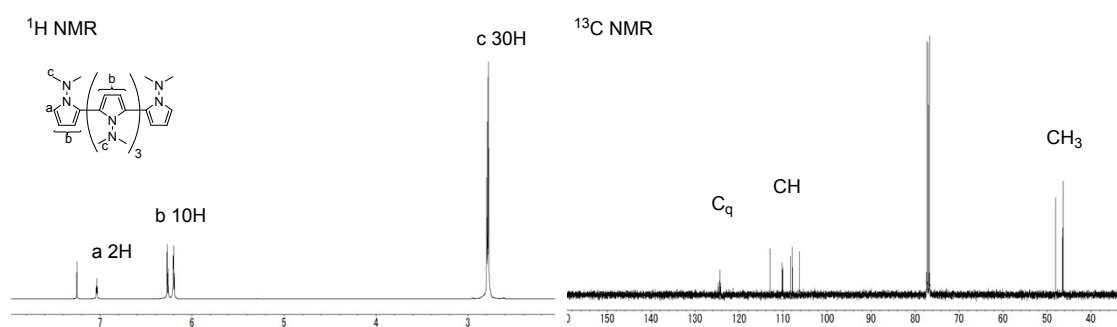
(ii) 2,2':5',2''-ter[1-(*N,N*-dimethylamino)pyrrole] (3)



(iii) 2,2':5',2'':5'',2''':5''',2''''-quater[1-(*N,N*-dimethylamino)pyrrole] (4)



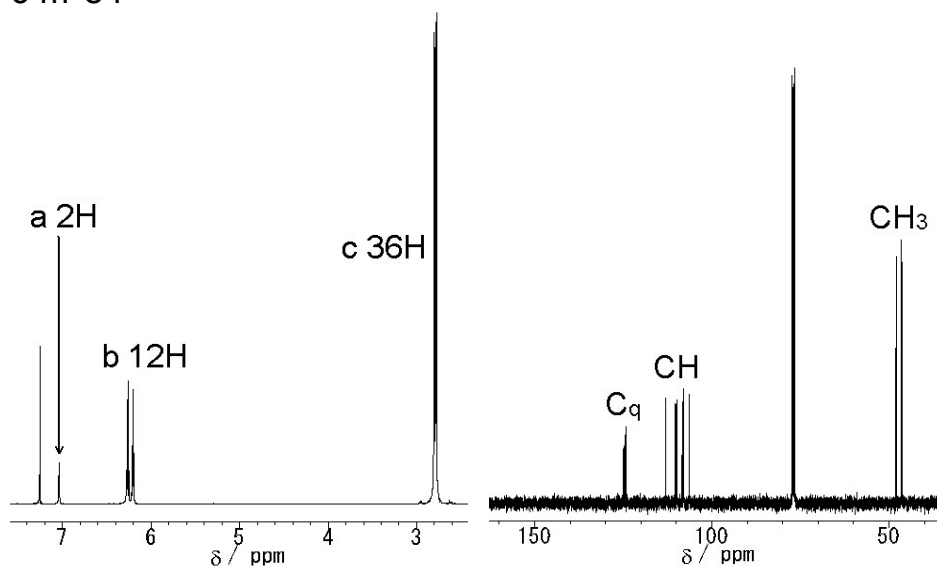
(iv) 2,2':5',2'':5'',2''':5''',2''':5''',2''''-quinque[1-(*N,N*-dimethylamino)pyrrole] (5)



(v) 2,2':5,2'':5'',2''':5''',2'''':5''''-sexi[1-(*N,N*-dimethylamino)pyrrole] (6)

¹H NMR ^{13}C NMR

6 m e r



(vi) 2,2':5'',2'':5''',2'''':5''''',2''''':5''''''',2''''''':5''''''''',2''''''''':5''''''''''',2''''''''''':5'''''''''''-
octi[1-(N,N-dimethylamino)pyrrole] (8)

¹H NMR ^{13}C NMR

8 m e r

