Supporting Information

for

Design and synthesis of hybrid cyclophanes containing thiophene and indole units via Grignard reaction, Fischer indolization and ring-closing metathesis as key steps

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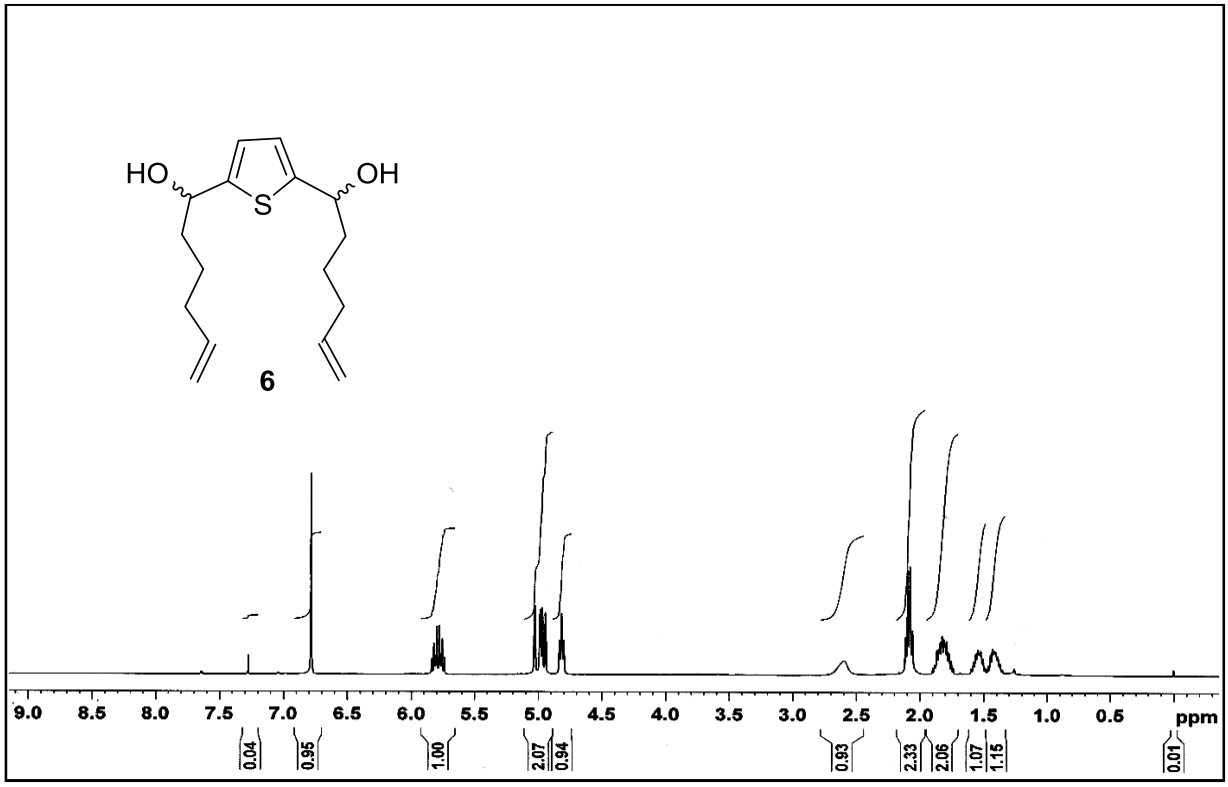
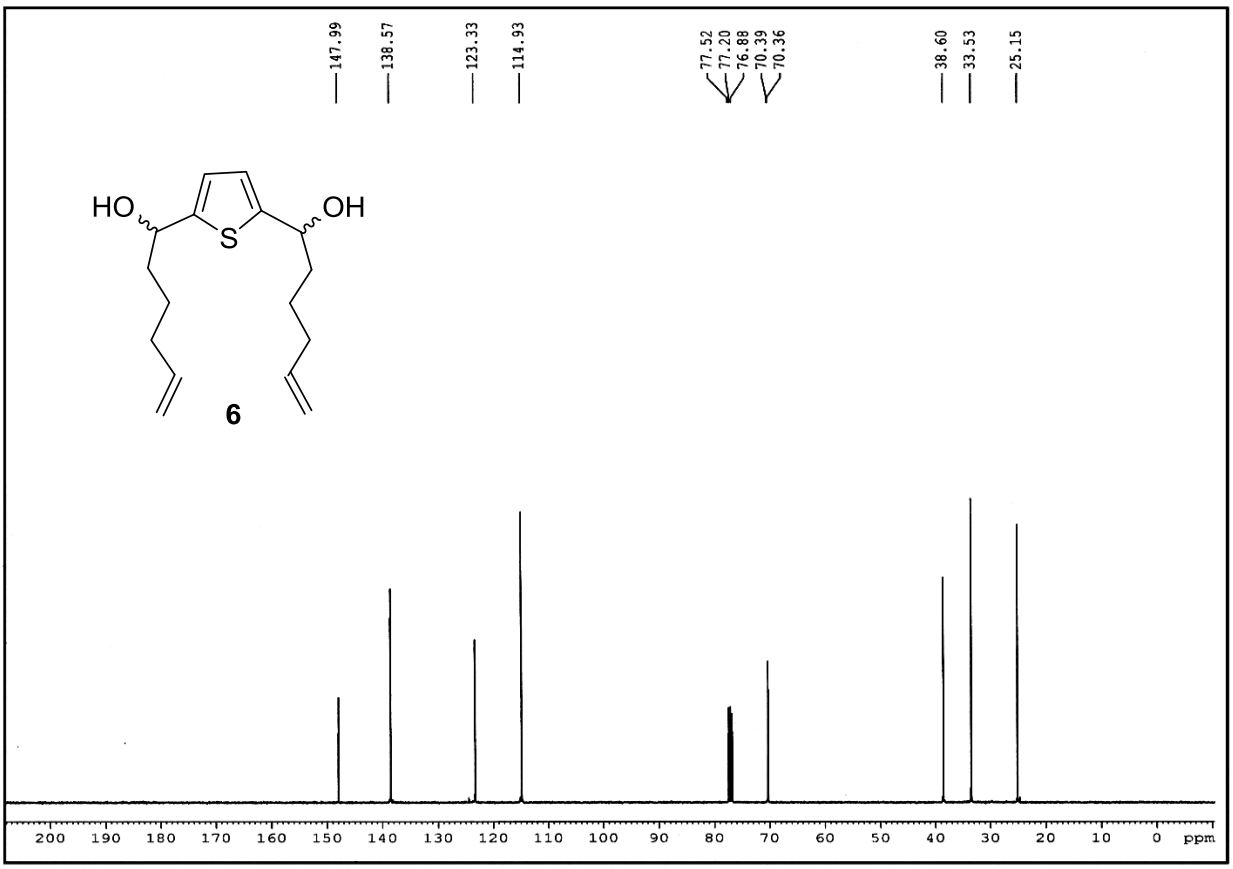
[§]A.K.C. and M.E.S. made an equal contribution to the paper.

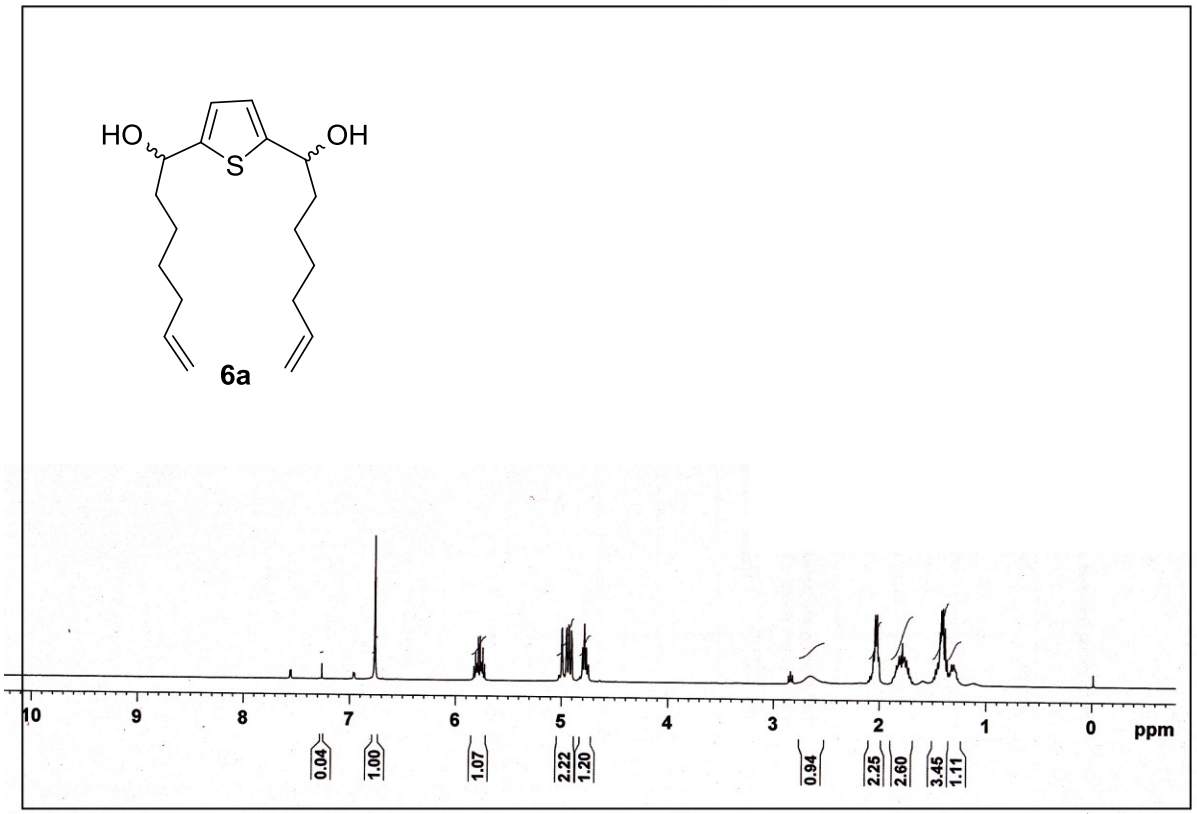
Copies of ^{1}H, ^{13}C NMR and HRMS spectra for all new compounds

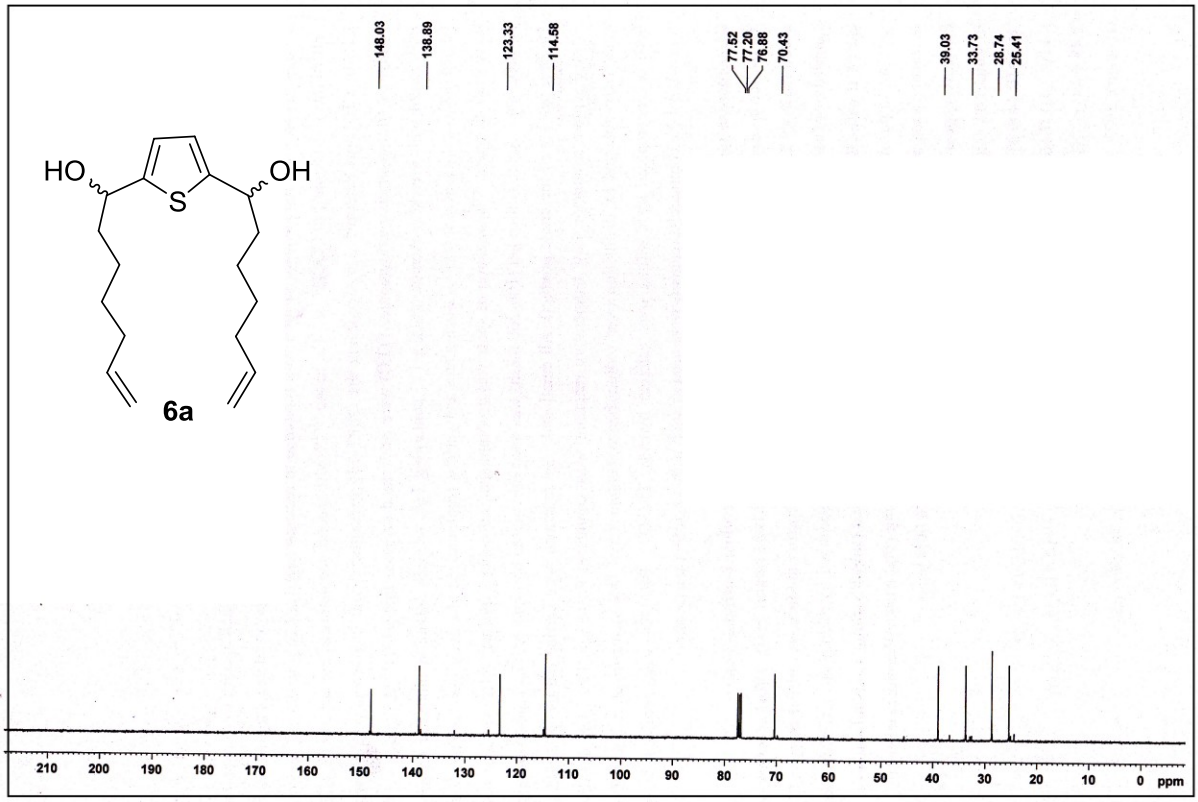
^{1}H NMR (400 MHz, $CDCl_3$) and ^{13}C NMR (100 MHz) of compound 6



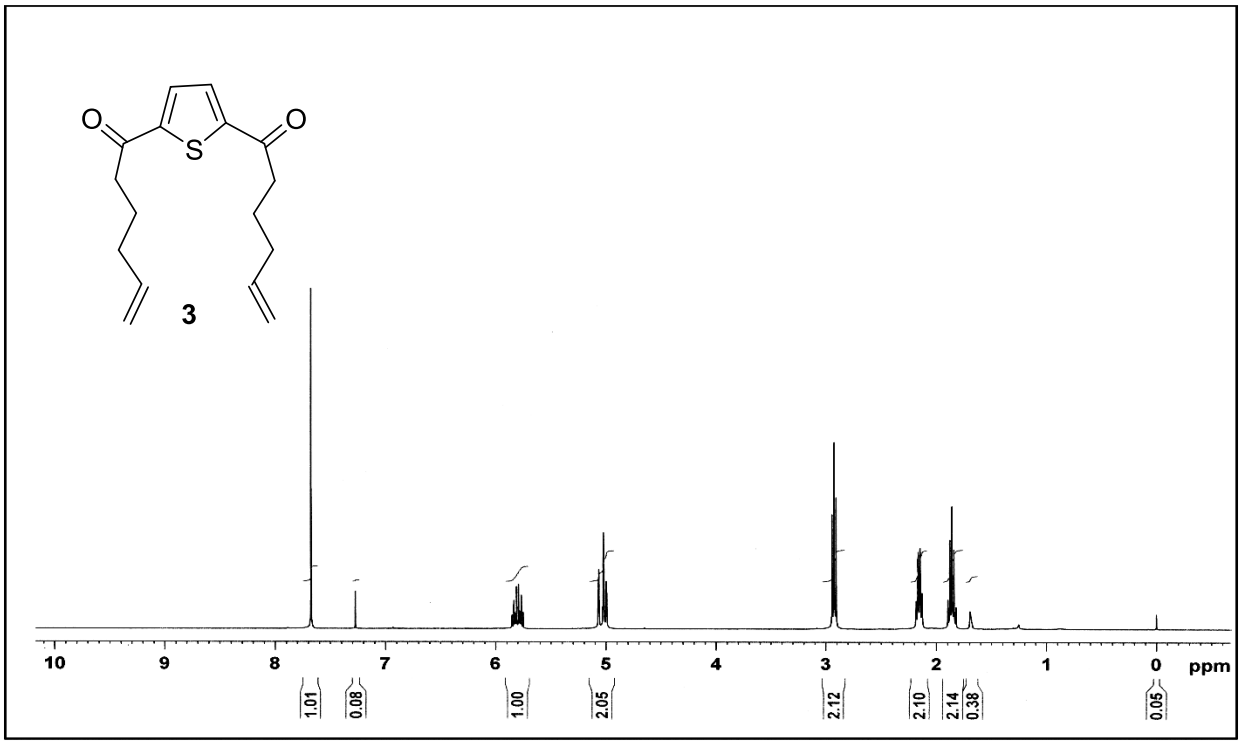


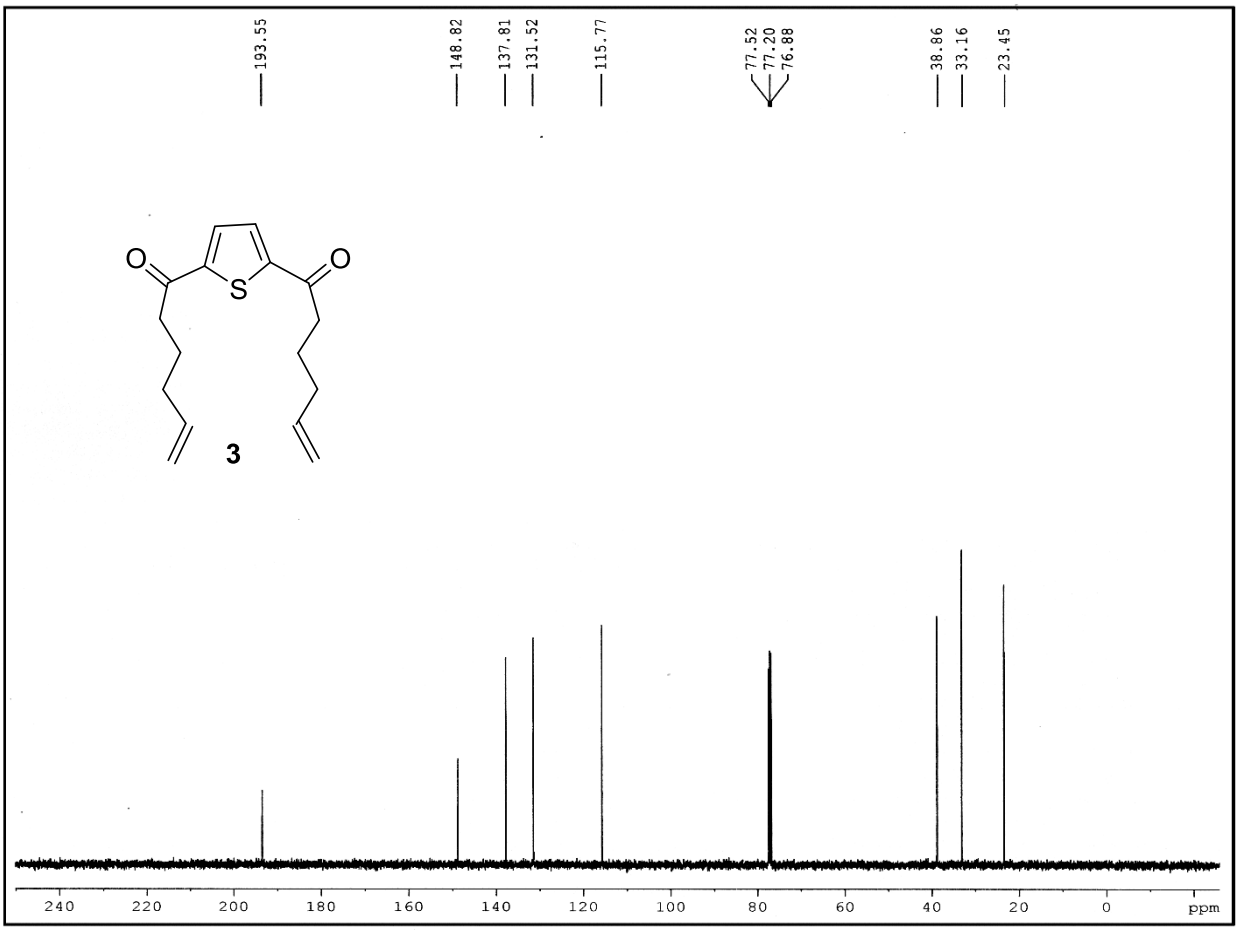
^{1}H NMR (400 MHz, $CDCl_3$) and ^{13}C NMR (100 MHz) of compound 6a



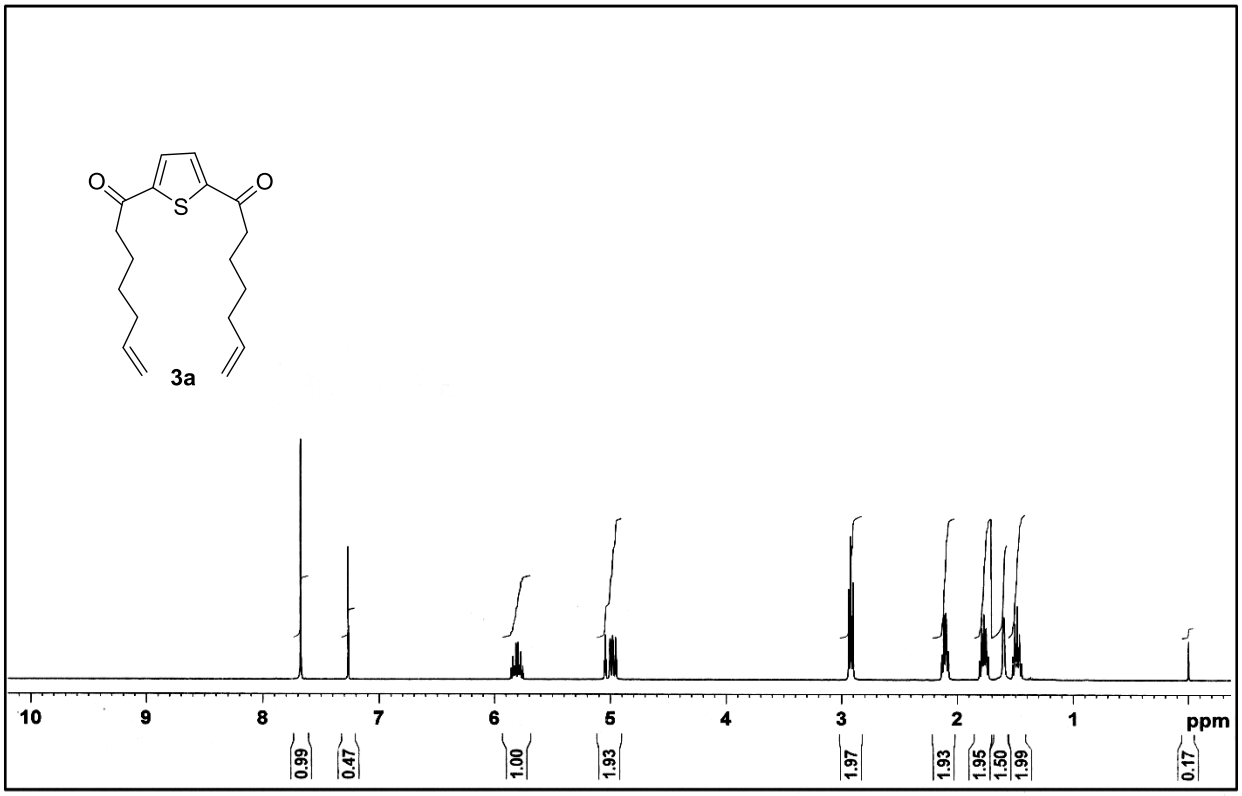


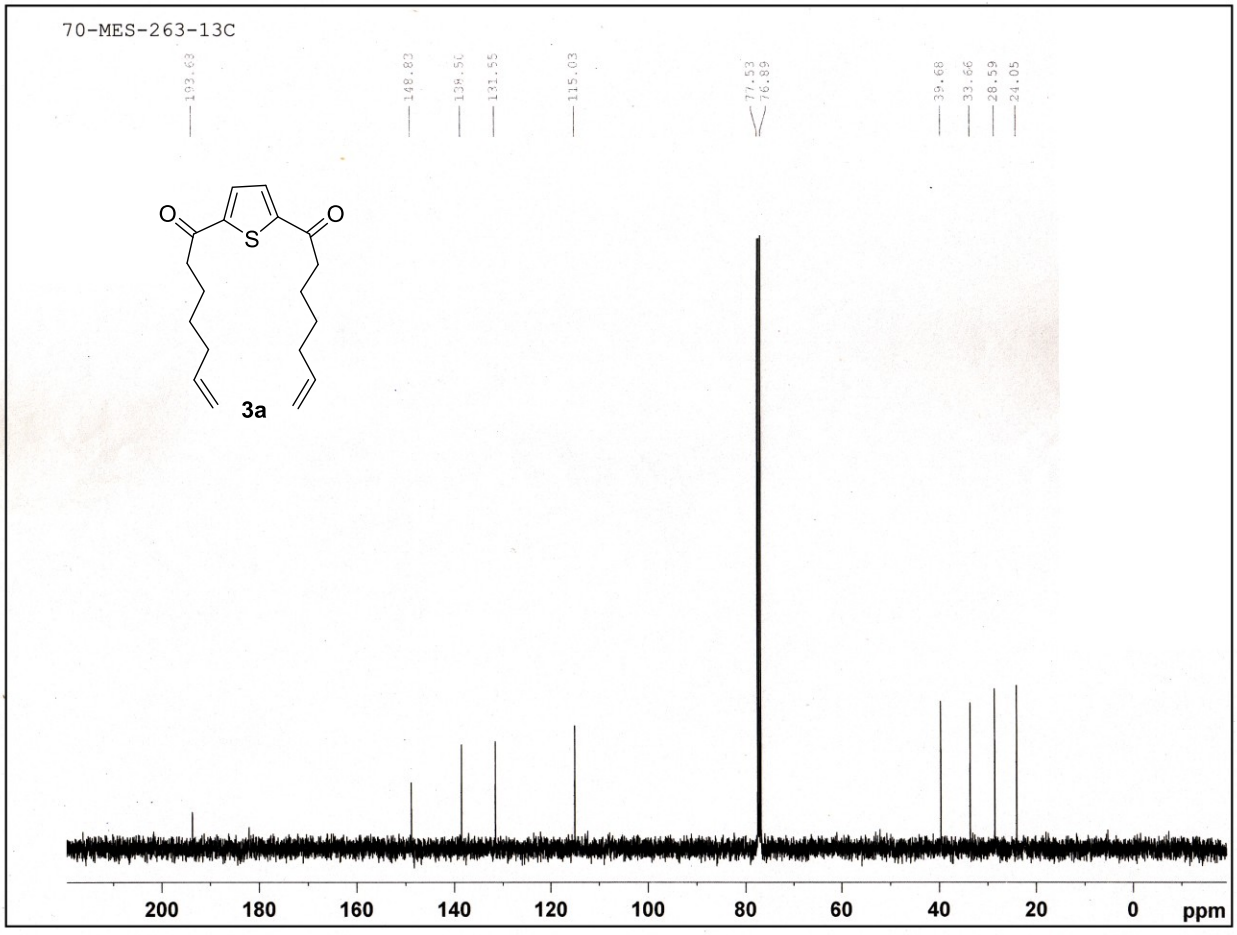
^{1}H NMR (400 MHz, $CDCl_3$) and ^{13}C NMR (100 MHz) of compound 3



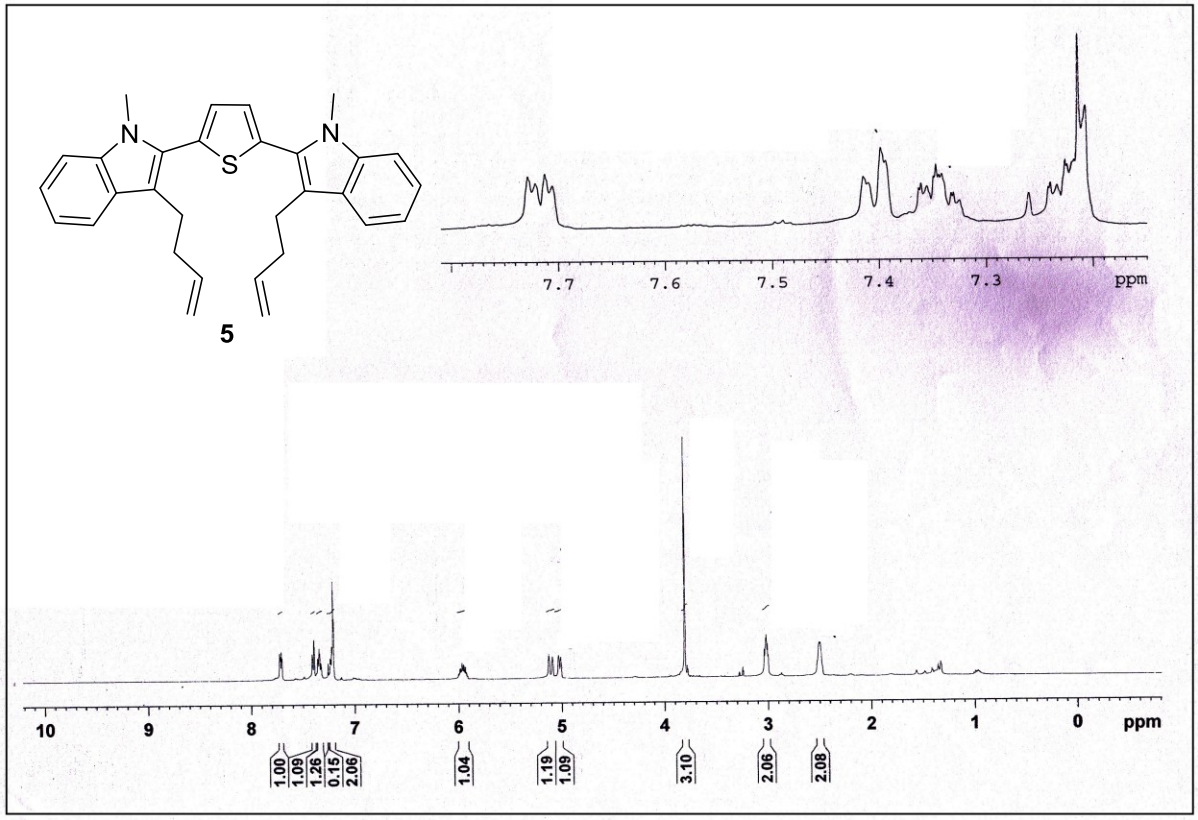


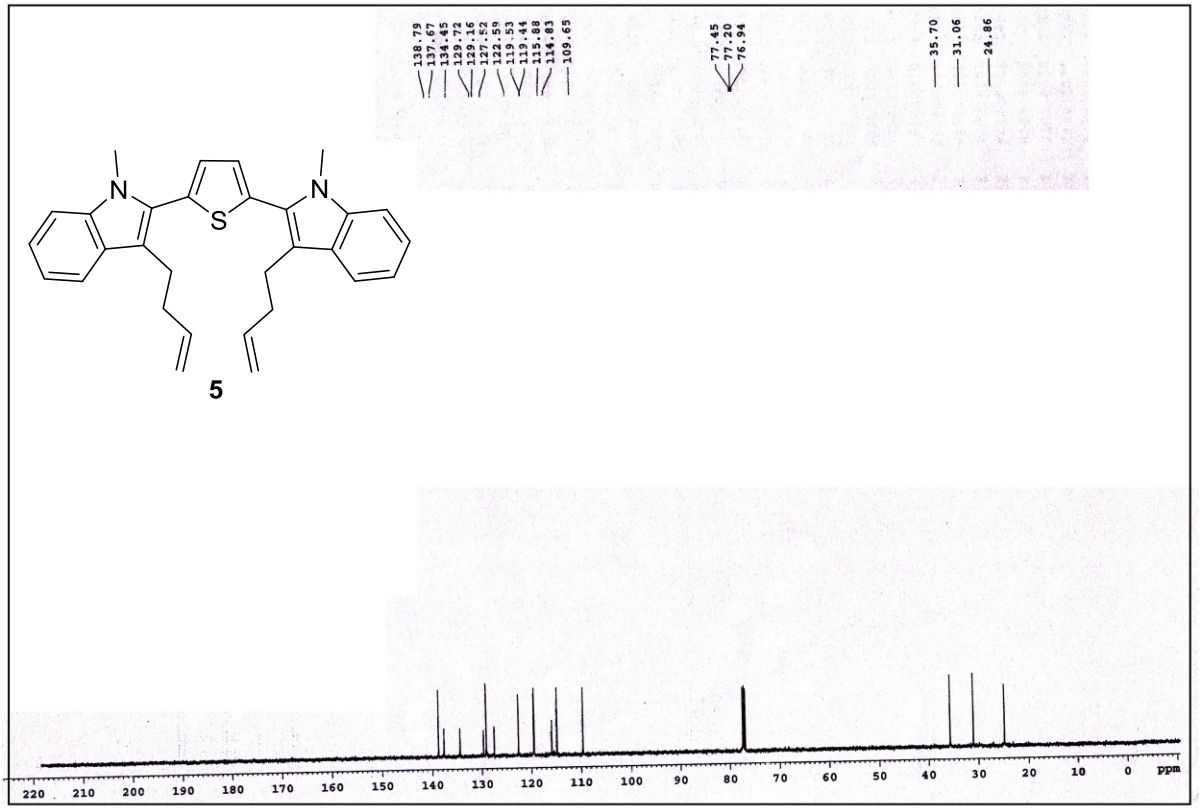
^{1}H NMR (400 MHz, $CDCl_3$) and ^{13}C NMR (100 MHz) of compound 3a



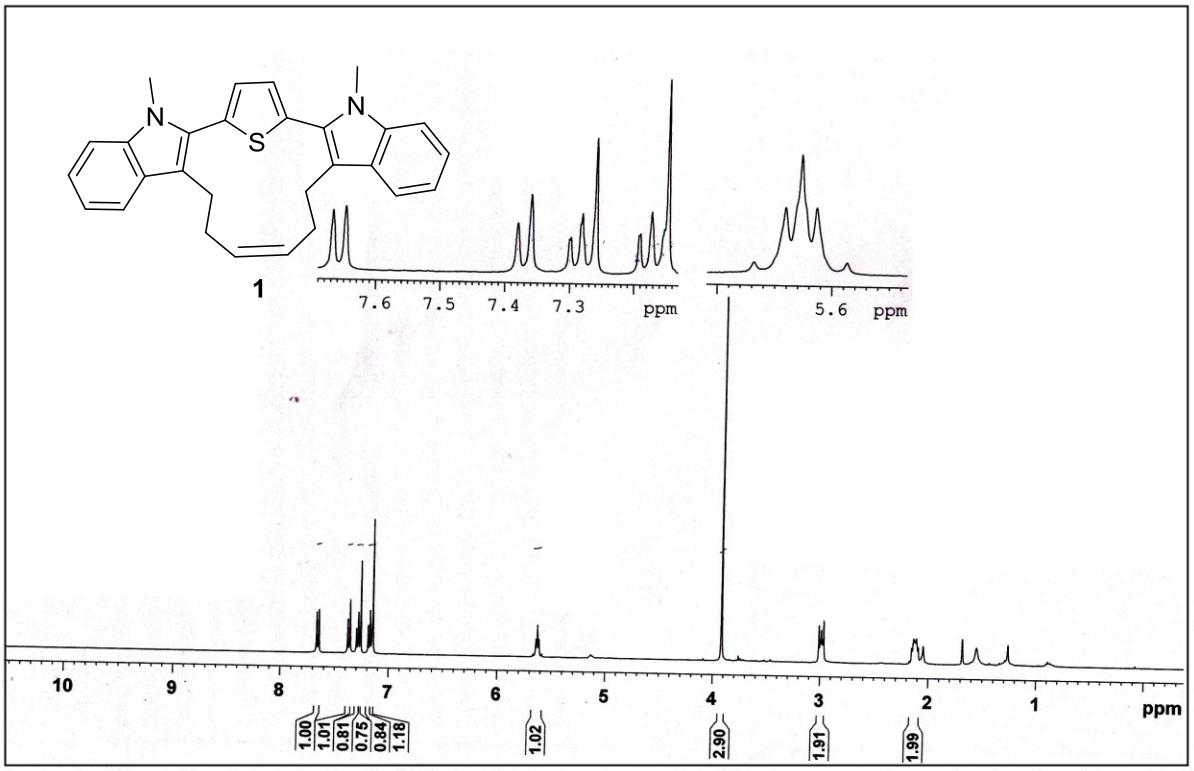


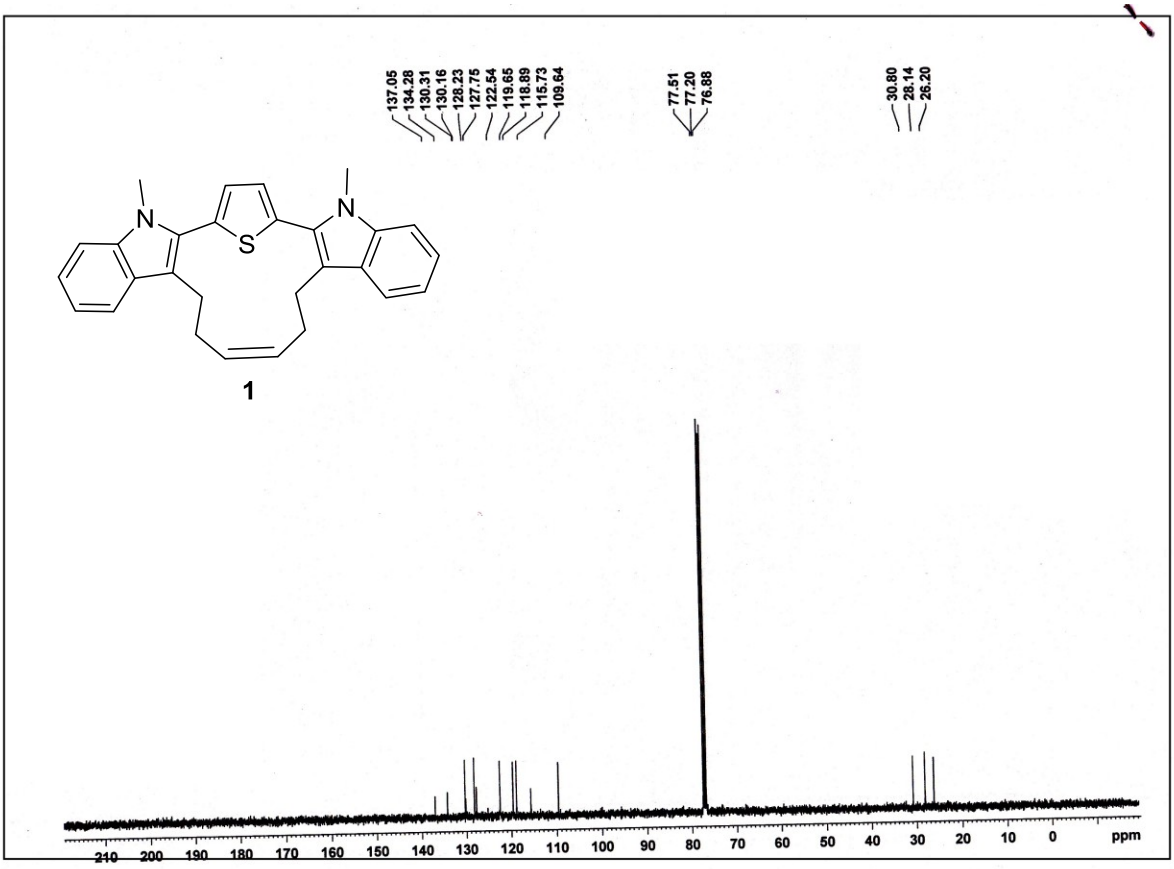
^{1}H NMR (500 MHz, $CDCl_3$) and ^{13}C NMR (100.6 MHz) of compound 5



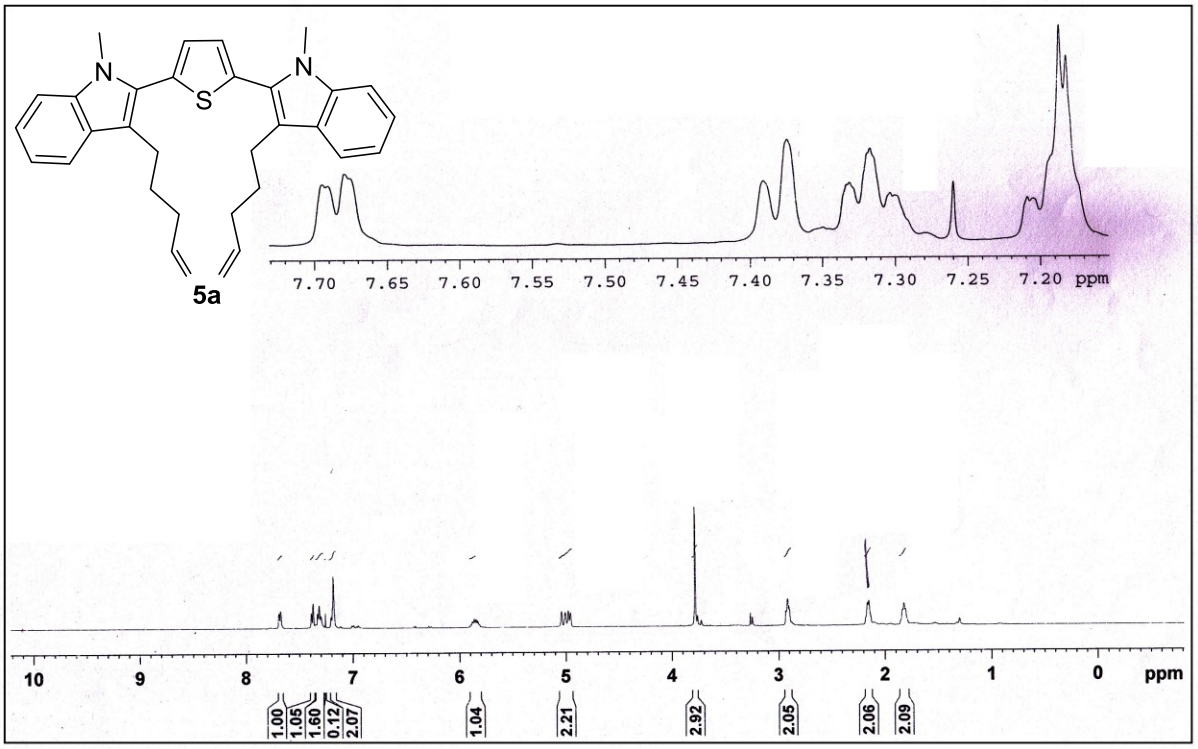


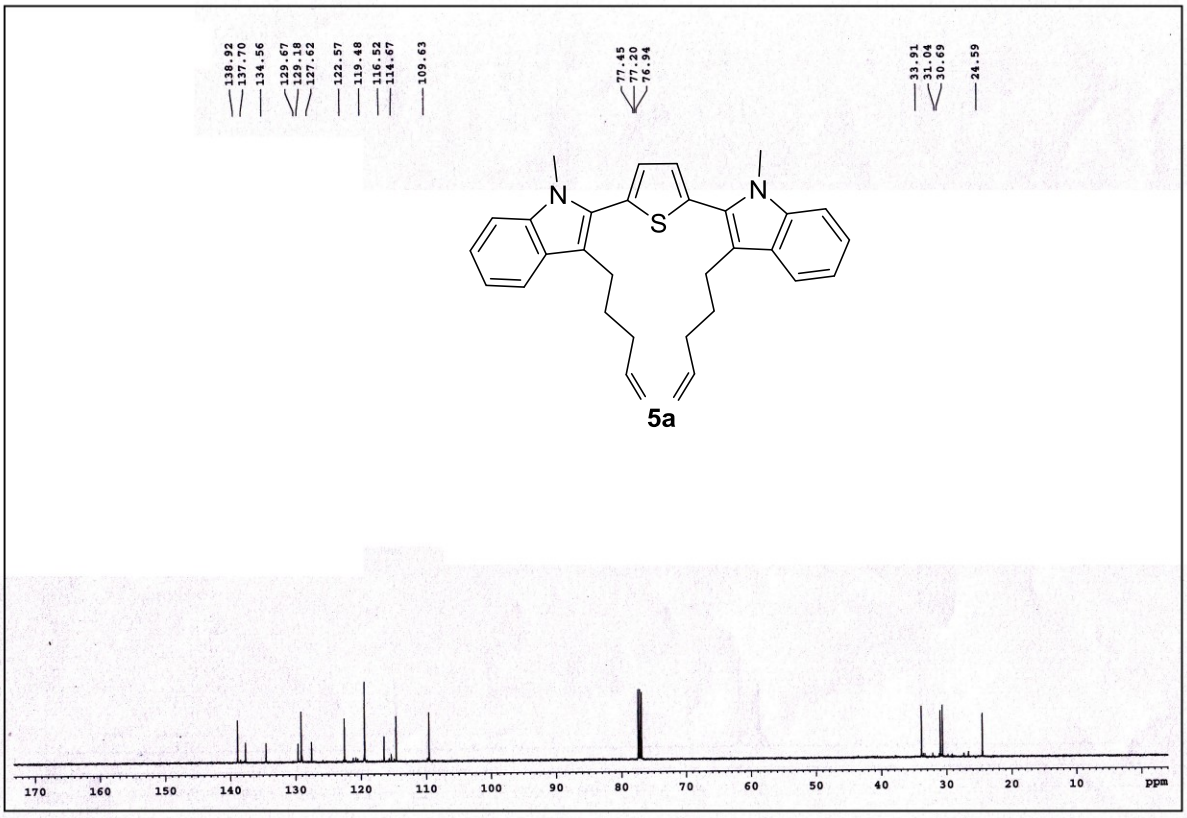
^{1}H NMR (400 MHz, $CDCl_3$) and ^{13}C NMR (125.6 MHz) of compound 1





^{1}H NMR (500 MHz, $CDCl_3$) and ^{13}C NMR (125.6 MHz) of compound 5a





^{1}H NMR (500 MHz, $CDCl_3$) and ^{13}C NMR (125.6 MHz) of compound 1a