

Supplementary Materials

$^1\text{H-NMR}$ spectra (CDCl_3 , 400 MHz) of the new compounds 3a–5a and 6a–9b

Figure S1. $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of 3a.

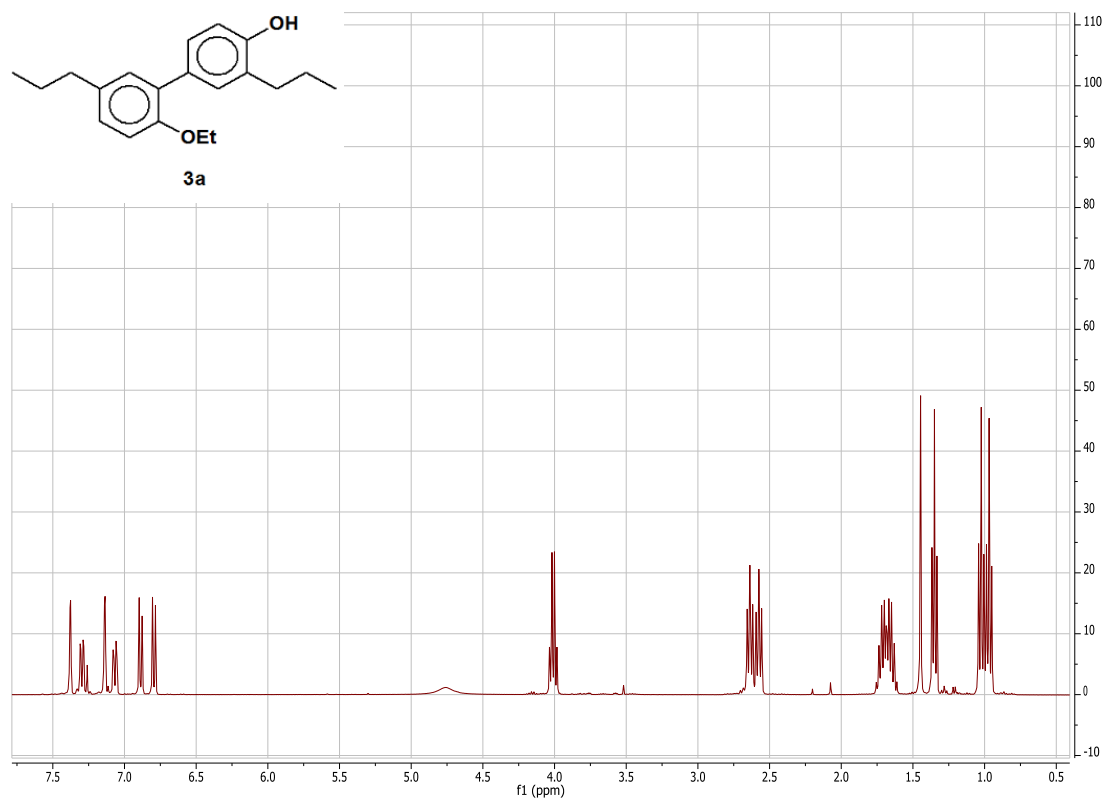


Figure S2. $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of 3b.

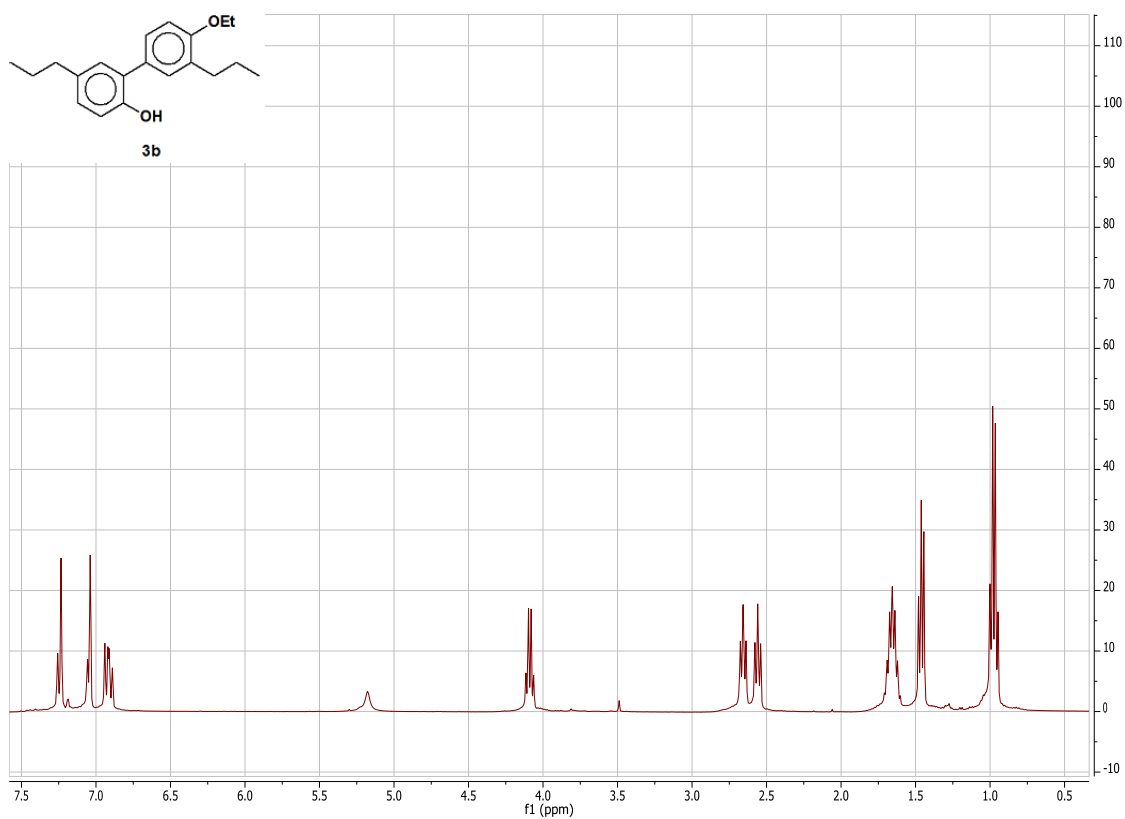


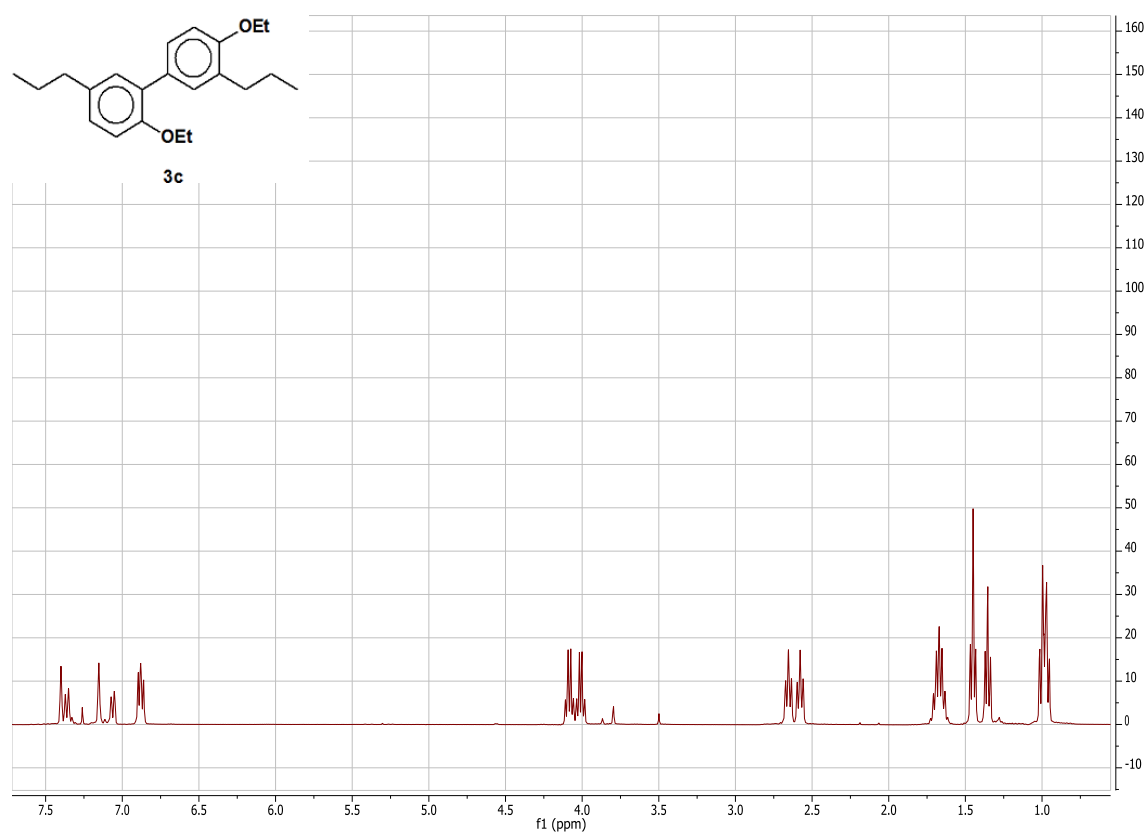
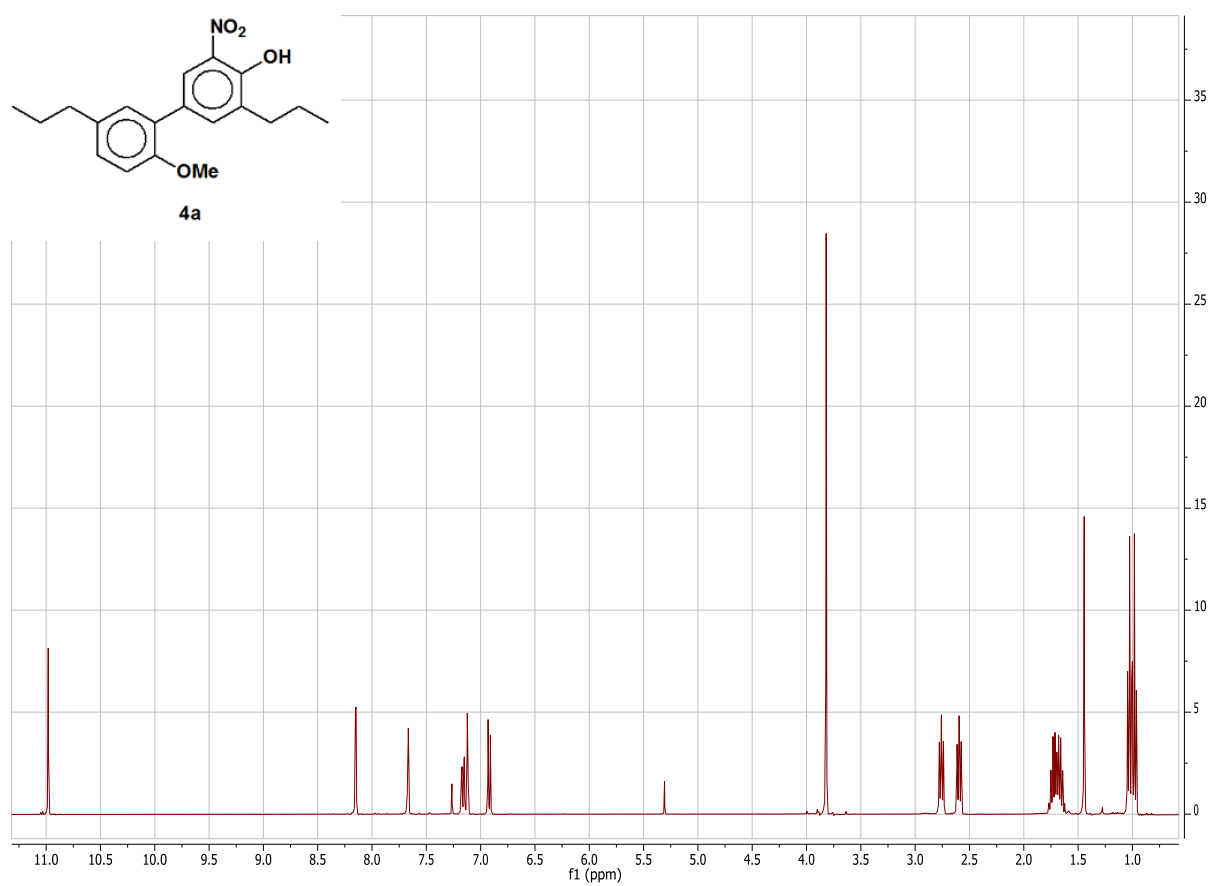
Figure S3. $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of **3c**.**Figure S4.** $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of **4a**.

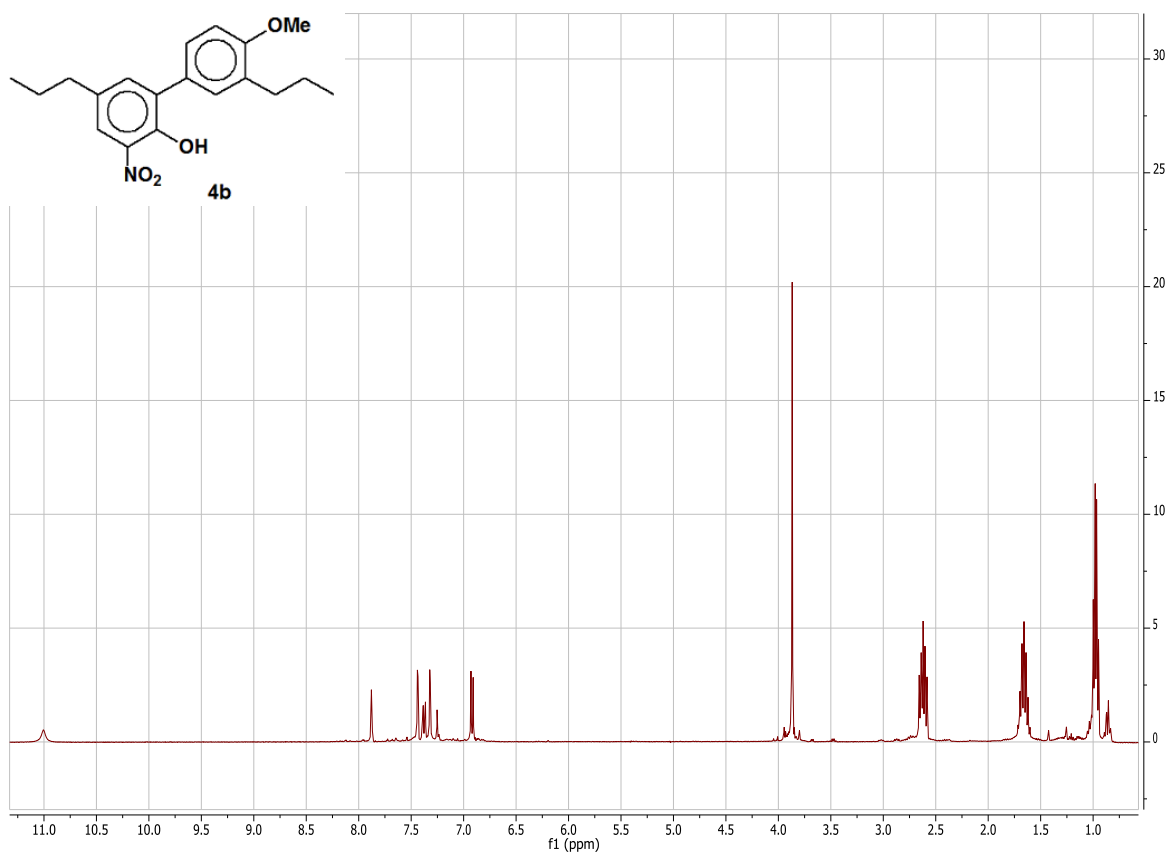
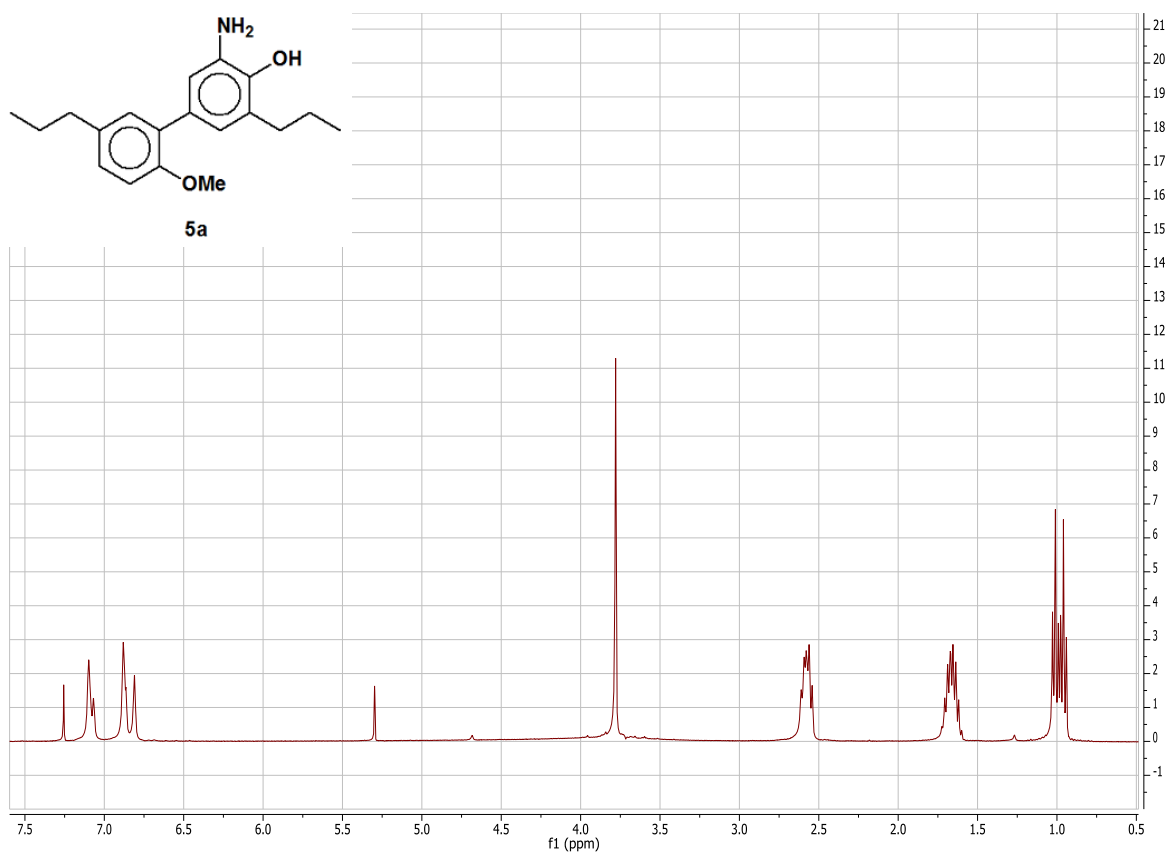
Figure S5. $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of **4b**.Figure S6. $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of **5a**.

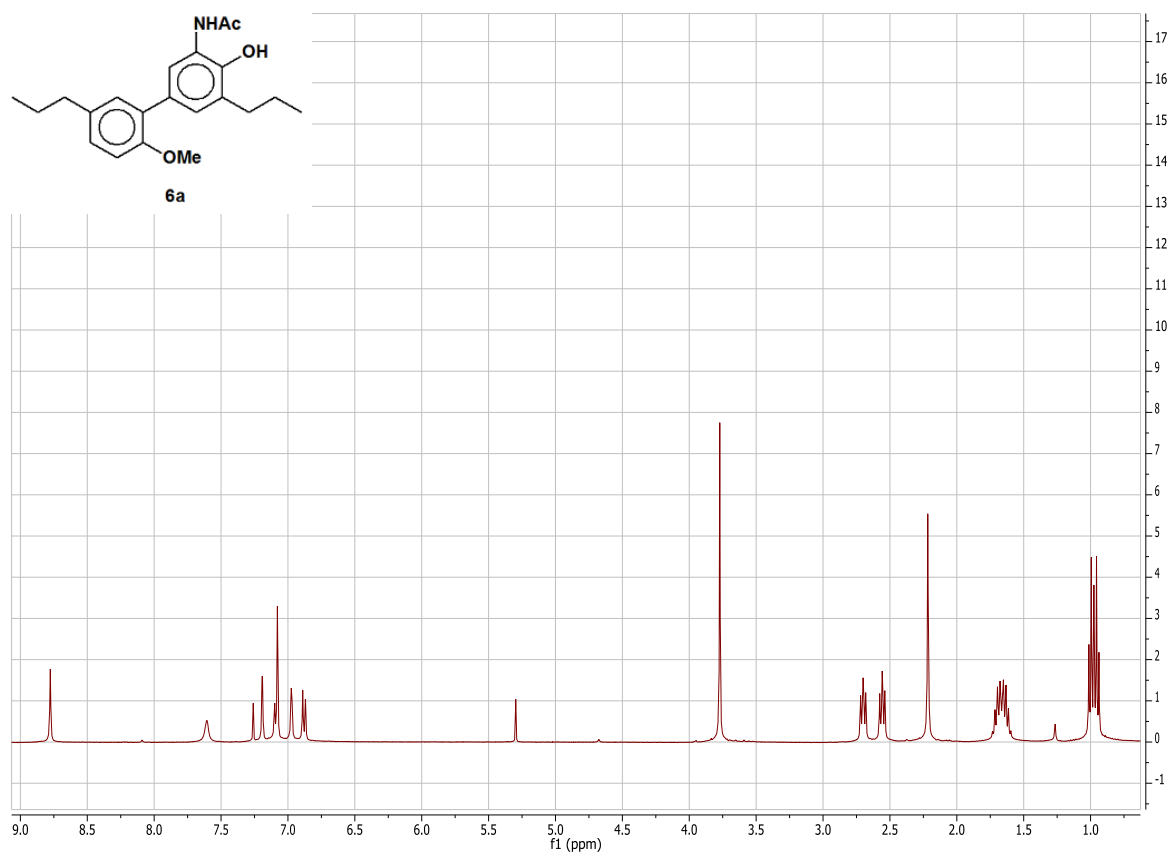
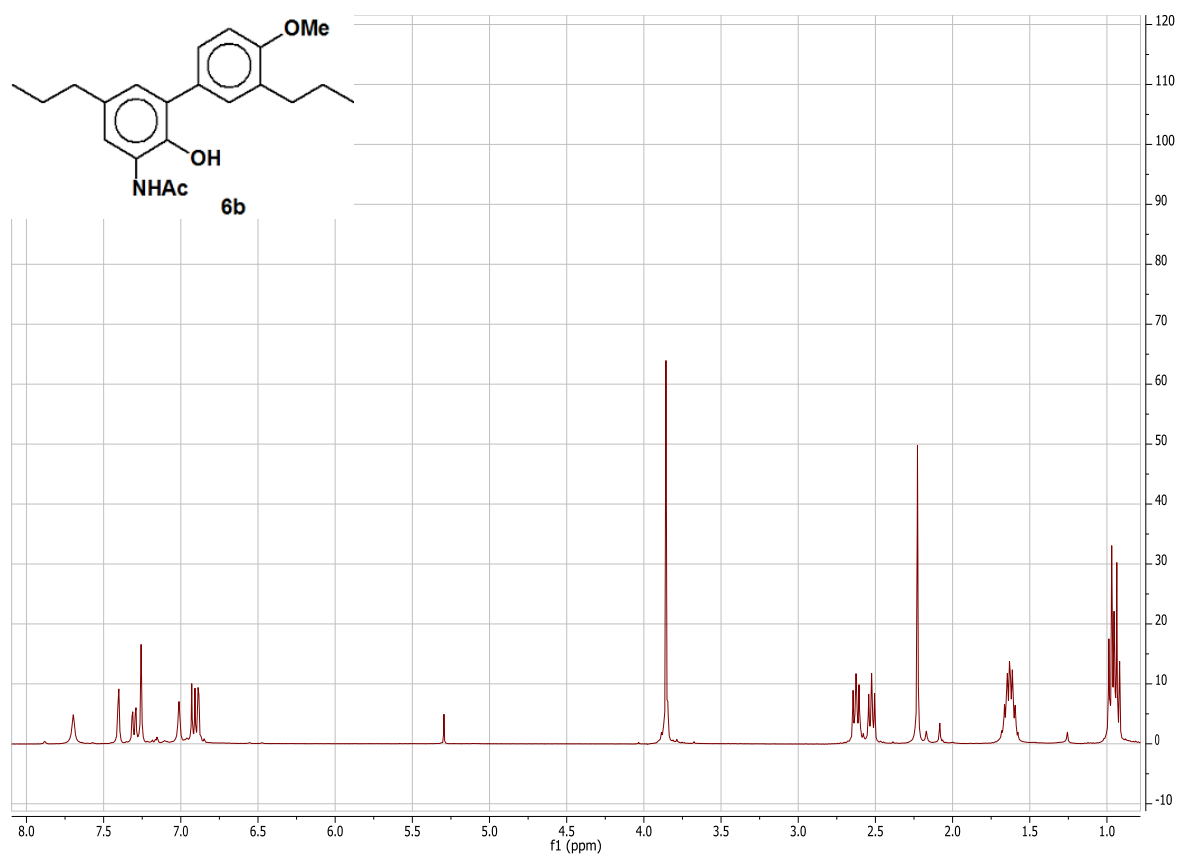
Figure S7. $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of **6a**.Figure S8. $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of **6b**.

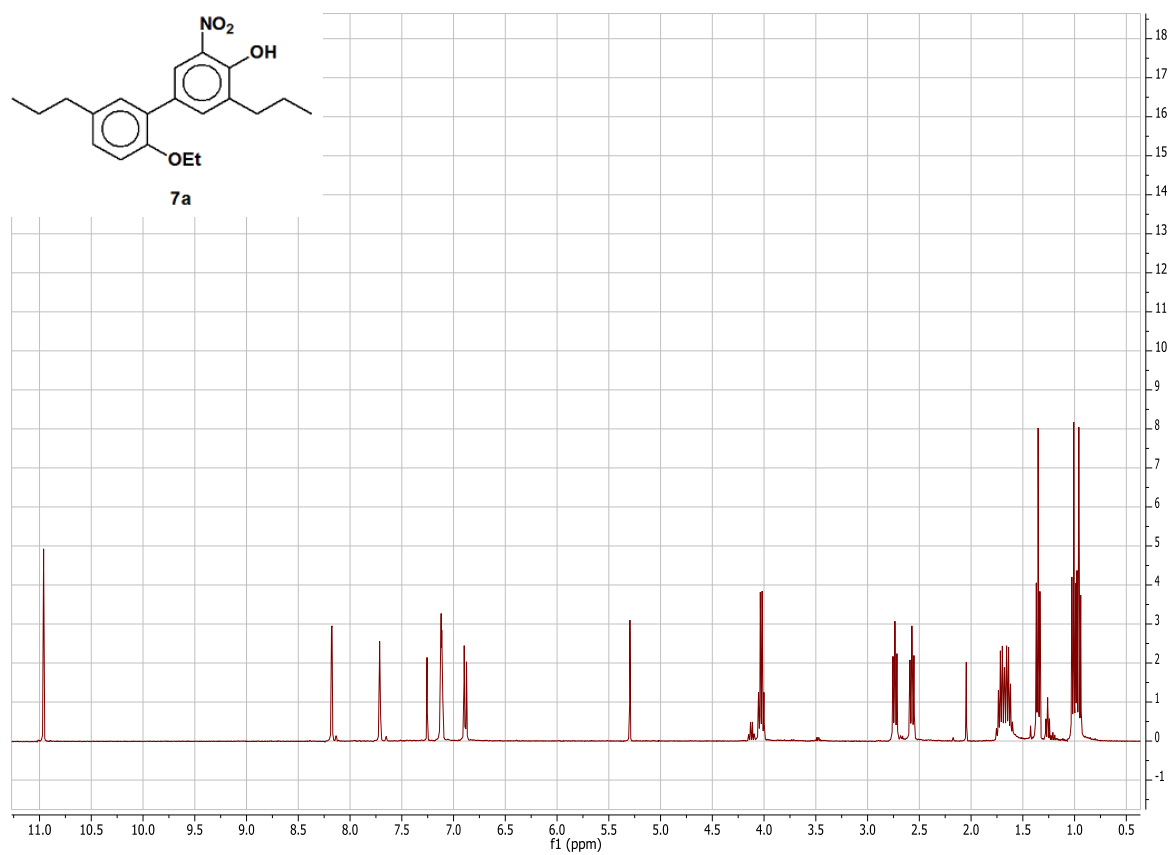
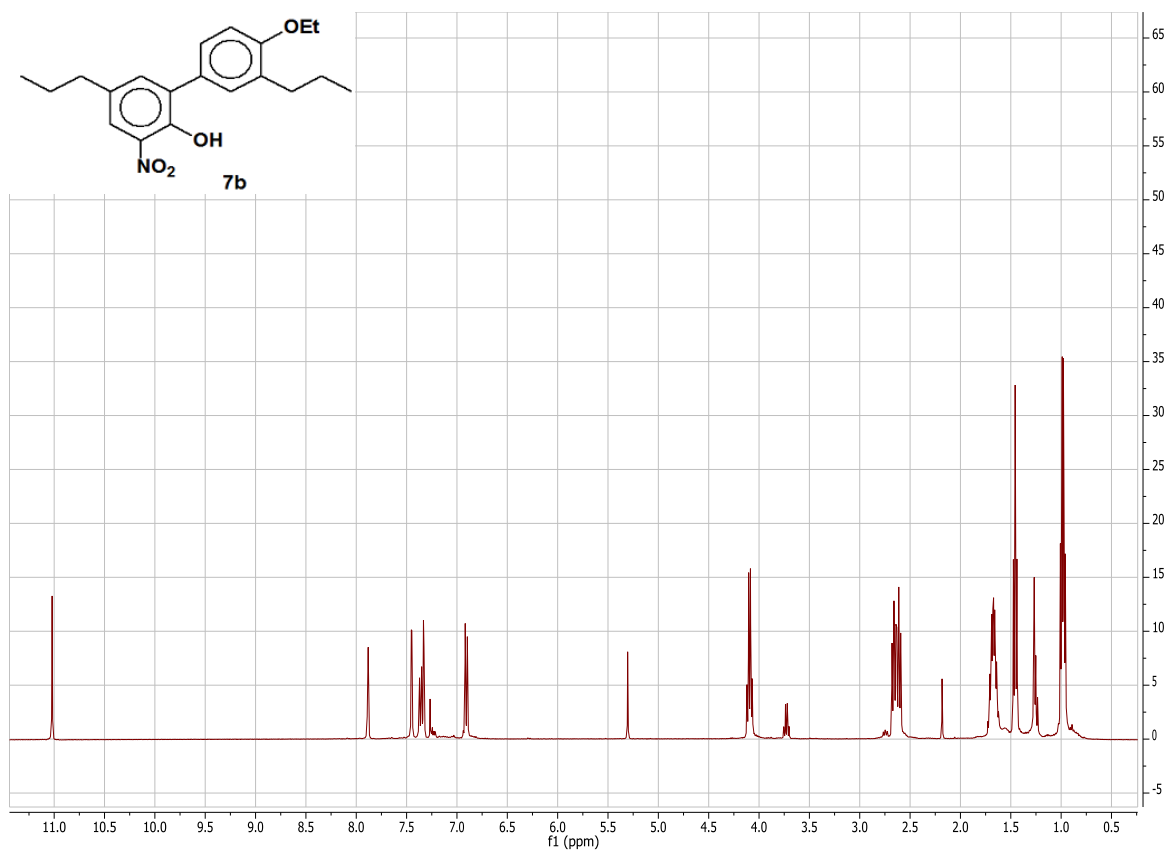
Figure S9. $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of **7a**.**Figure S10.** $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of **7b**.

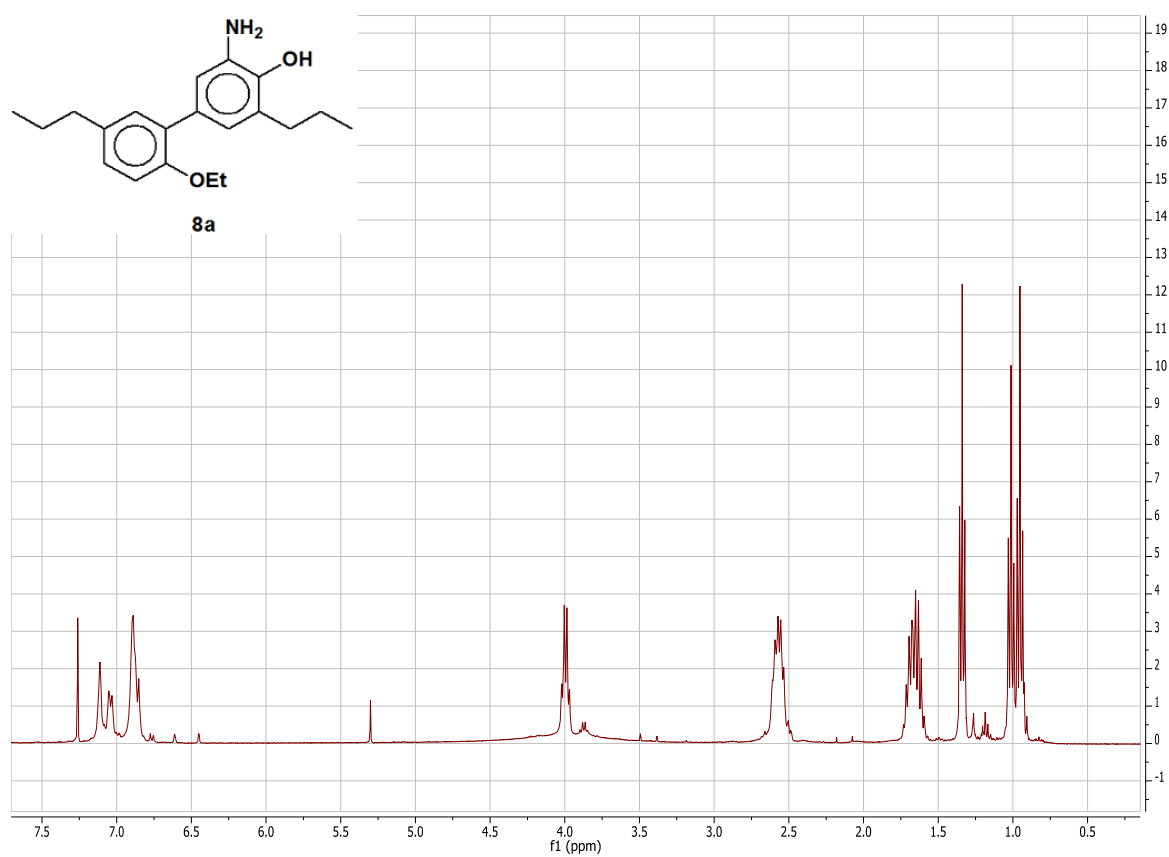
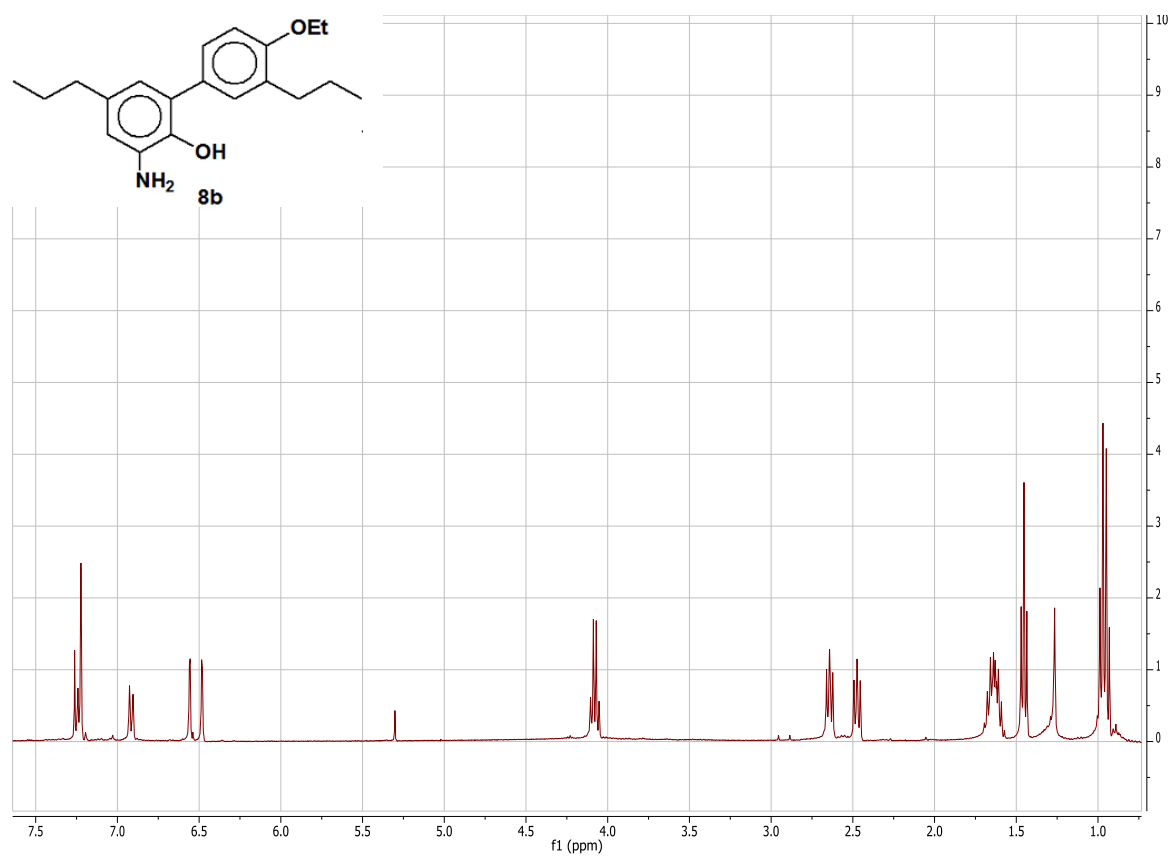
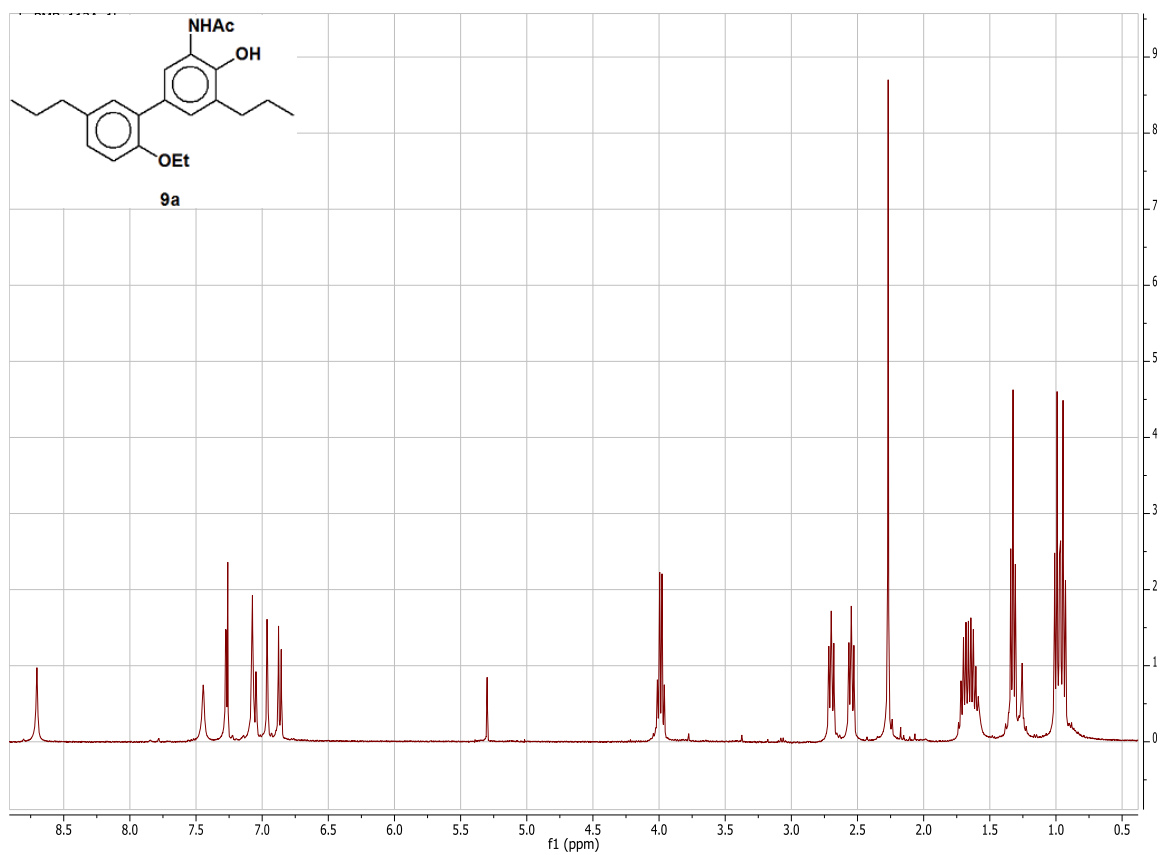
Figure S11. $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of **8a**.**Figure S12.** $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of **8b**.

Figure S13. $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of **9a**.**Figure S14.** $^1\text{H-NMR}$ spectrum (CDCl_3 , 400 MHz) of **9b**.