Porphyrin complexes containing coordinated BOB groups: synthesis, chemical reactivity and the structure of $[BOB(tpClpp)]^{2+}$

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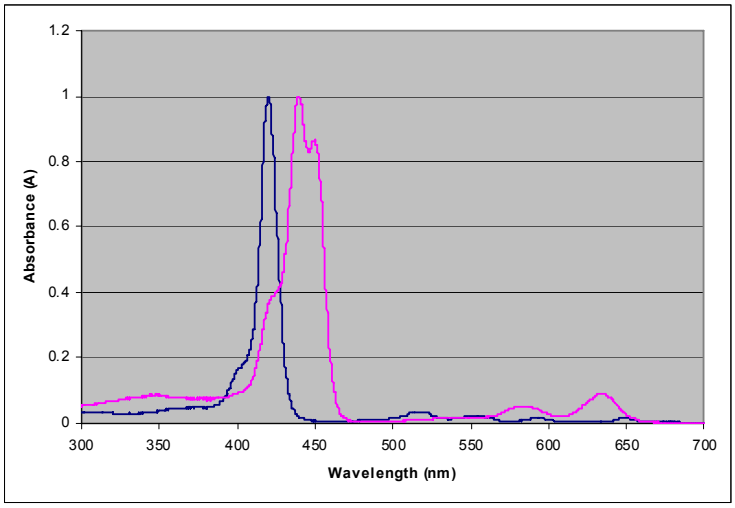
Electronic Supplementary Information

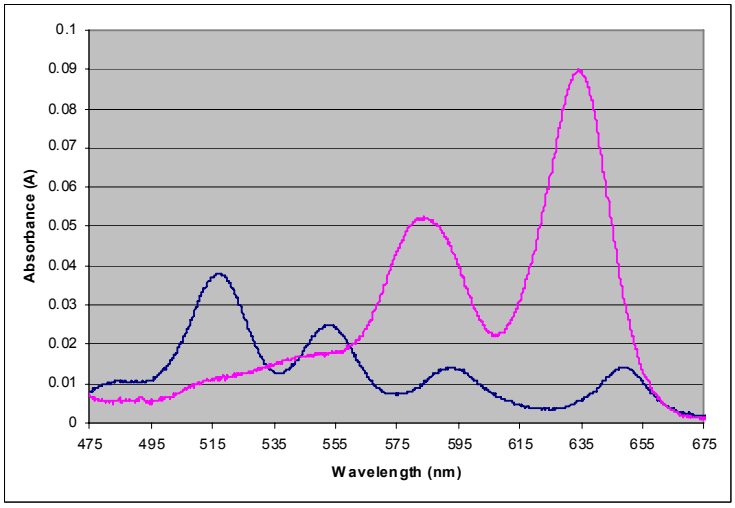
Contents:

UV/visible spectra of (a) H_2(ttp) (blue line) and B_2OPh(OH)(ttp) (pink line), (b) enlarged Q-band region between 475 and 675 nm.

(a)

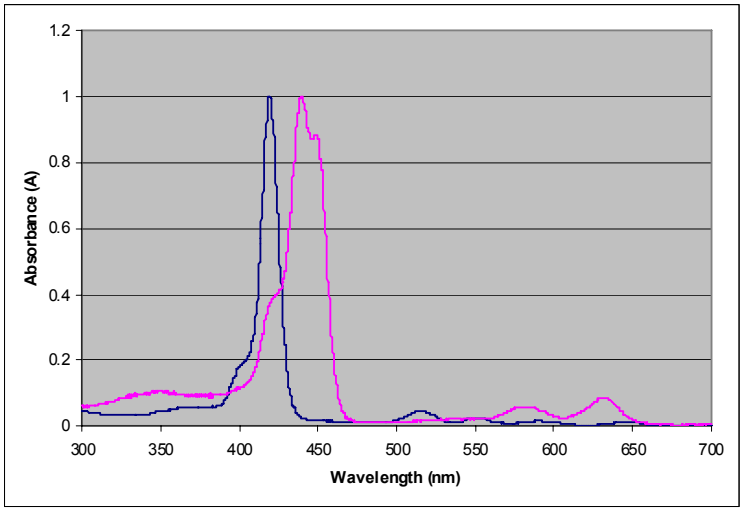


(b)

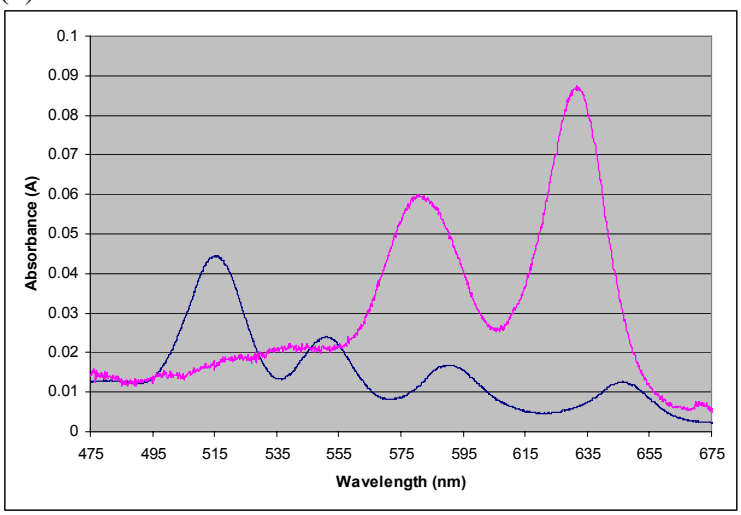


UV/visible spectrum of (a) H_2(t*p*Clpp) (blue line) and B_2OPh(OH)(t*p*Clpp) (pink line), (b) enlarged Q-band region between 475 and 675 nm.

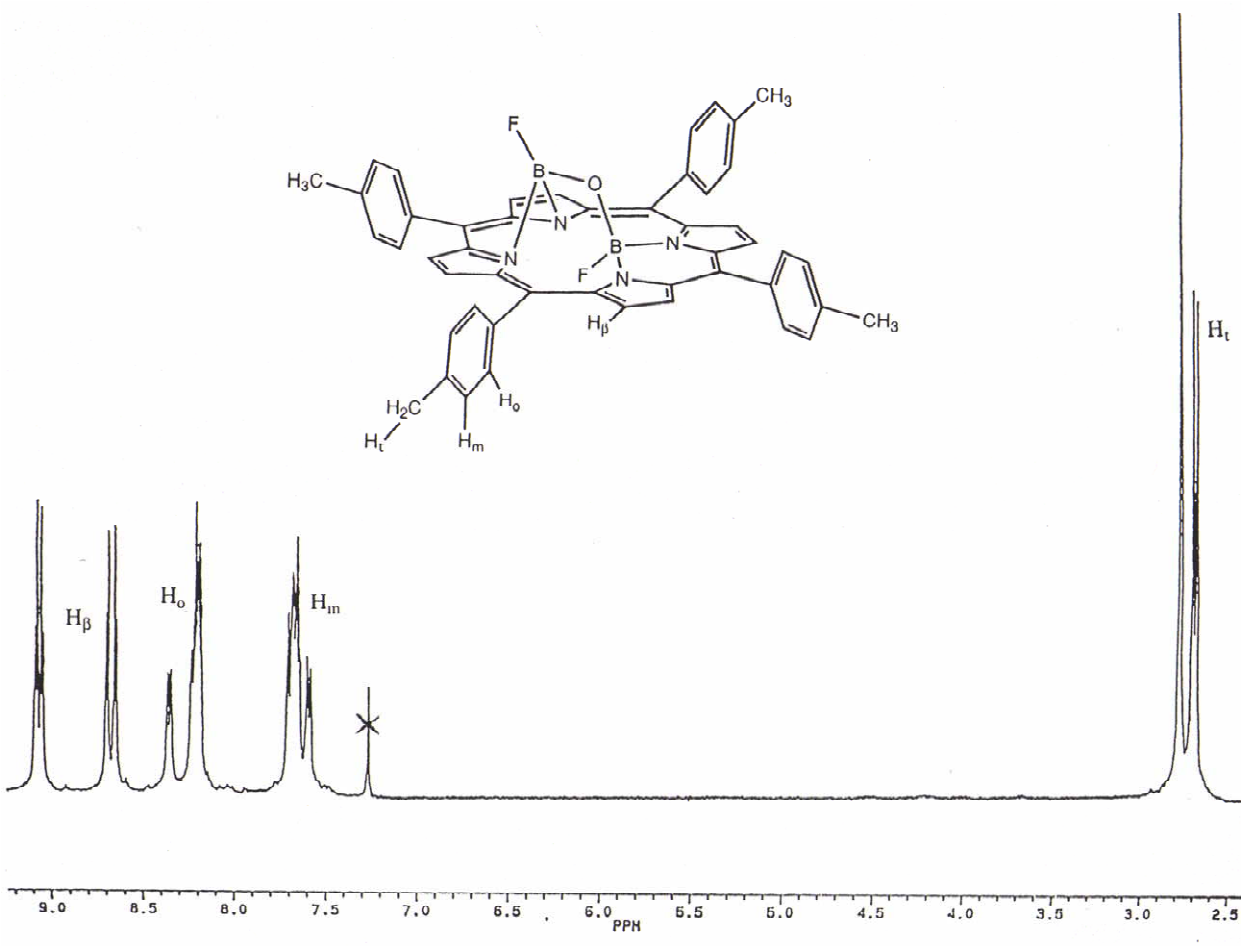
(a)



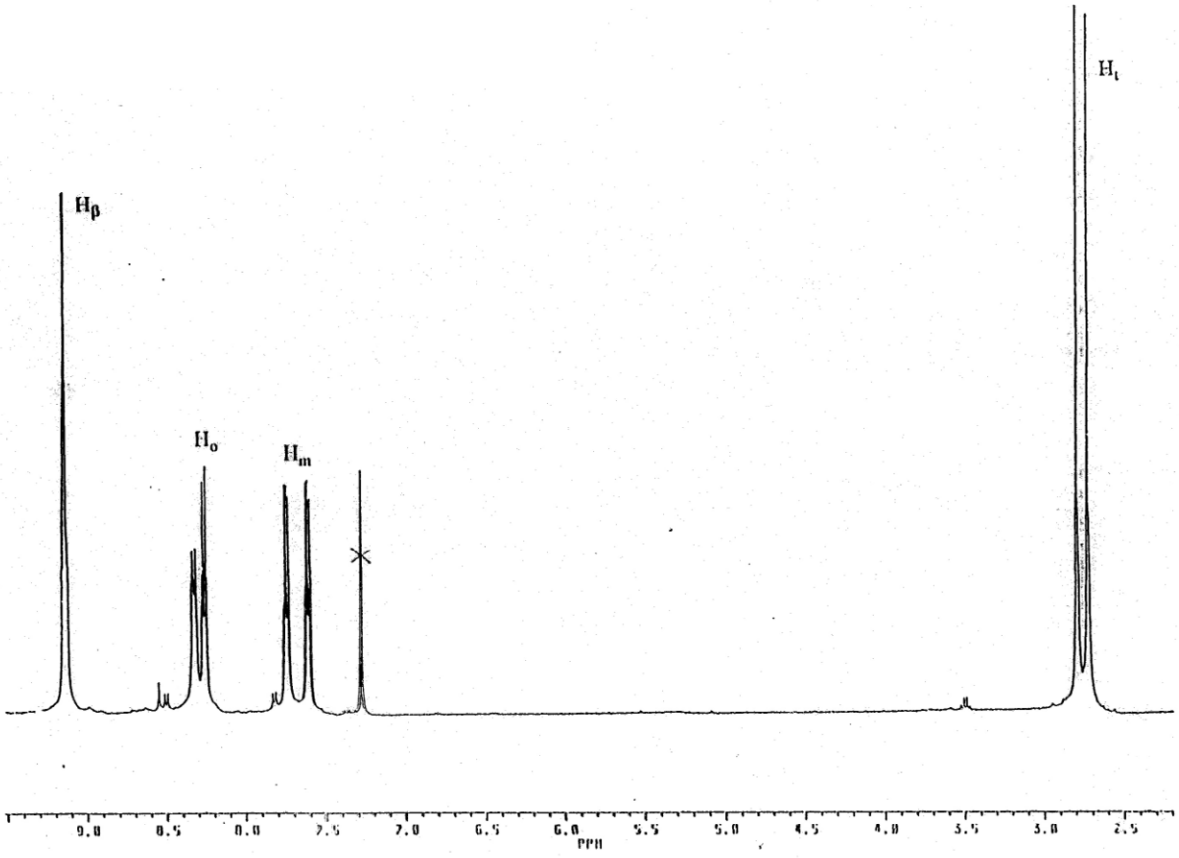
(b)



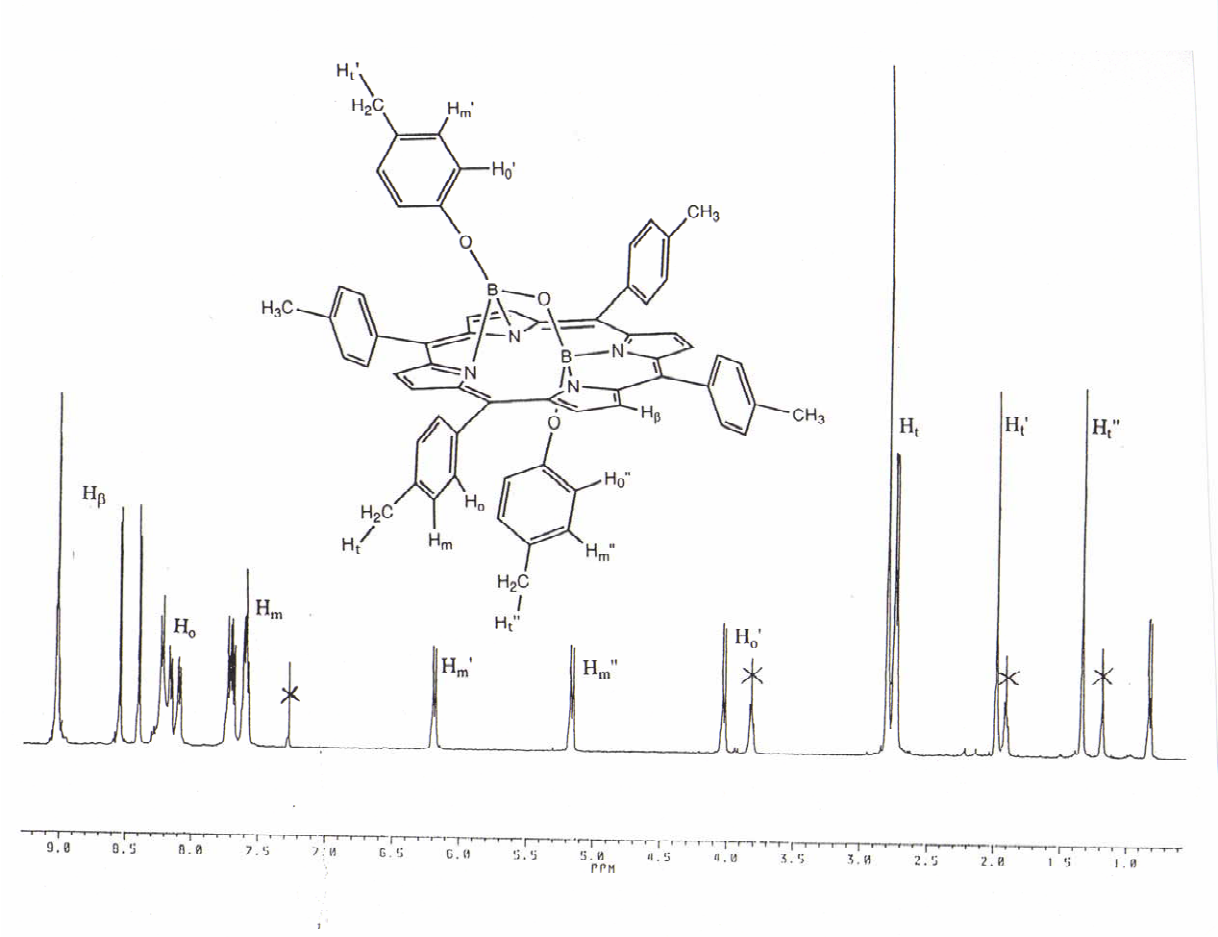
^{1}H NMR spectrum (400 MHz) of B_2OF_2(ttp) recorded in $CDCl_3$ solvent.



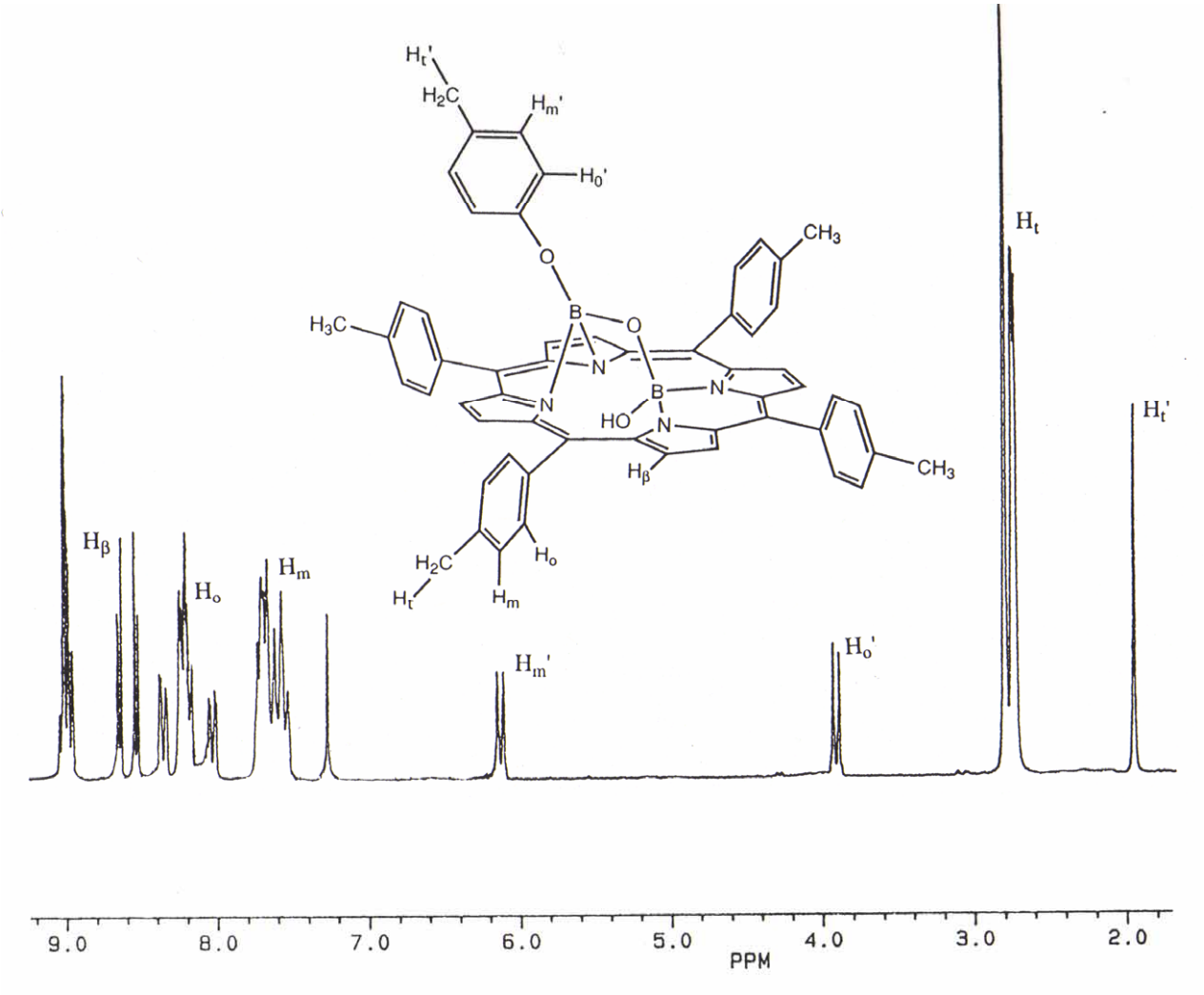
^{1}H NMR spectrum (400 MHz) of $B_2O_2(BCl_3)_2$(ttp) recorded in $CDCl_3$ solvent.



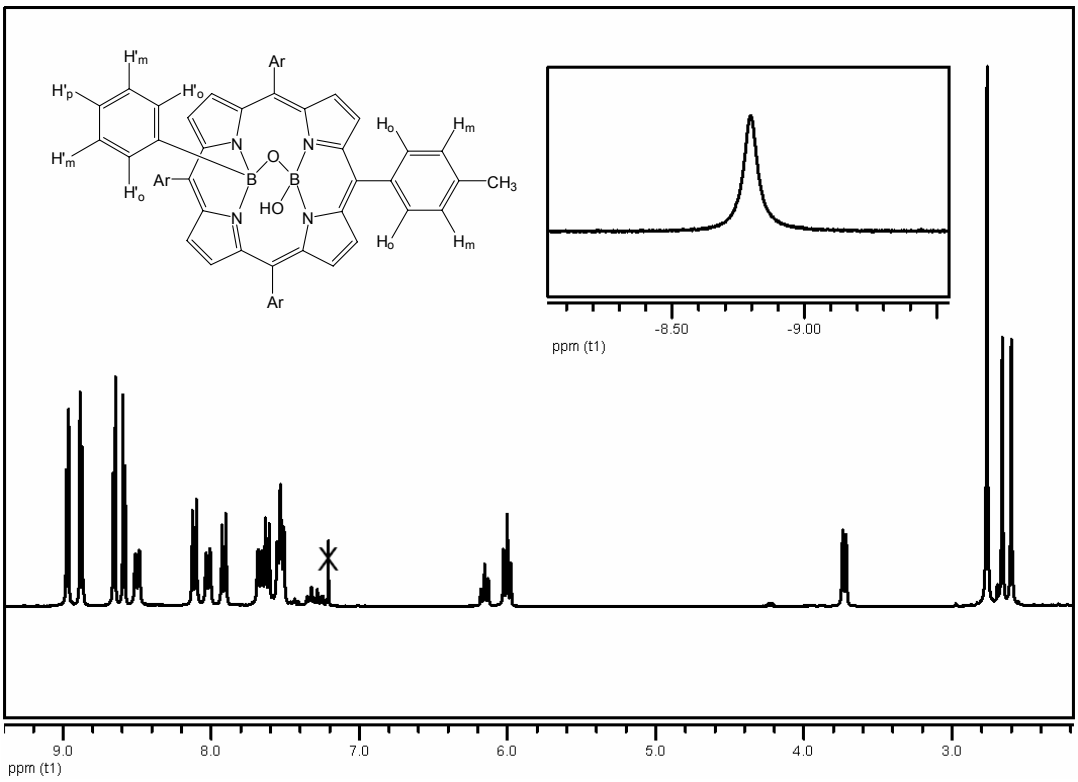
^{1}H NMR spectrum (400 MHz) of $B_2O(OC_6H_4CH_3)_2$(ttp) recorded in $CDCl_3$ solvent.



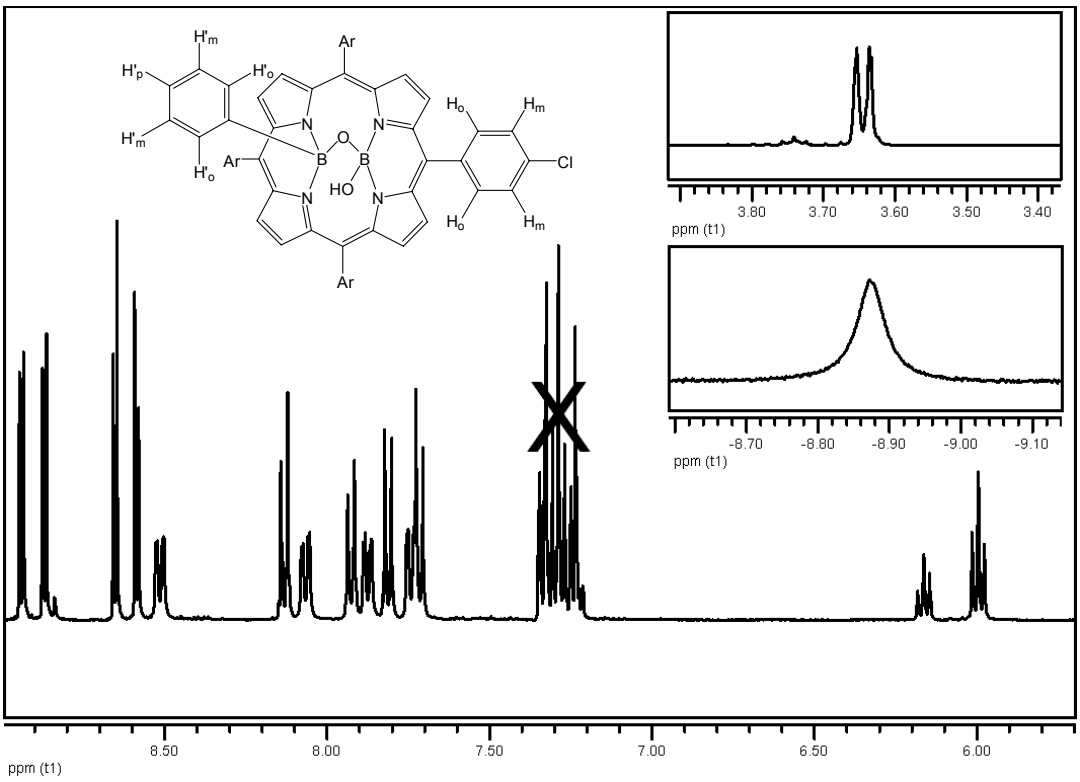
^{1}H NMR spectrum (400 MHz) of $B_2O(OC_6H_4CH_3)(OH)(ttp)$ recorded in $CDCl_3$ solvent.



^{1}H NMR spectrum (400 MHz) of $B_2OPh(OH)(ttp)$ recorded in $CDCl_3$ solvent.



^{1}H NMR spectrum (400 MHz) of $B_2OPh(OH)(tpClpp)$ recorded in $CDCl_3$ solvent.



Crossed out resonances arise from impurities in the solvent.