

***A Chiral Probe for the Detection of Cu(II) by UV, CD
and Emission Spectroscopies***

Alberto Moletti,^{a,b} Carmine Coluccini,^a Dario Pasini,^{*a} and Angelo Taglietti^{*b}

a) Department of Organic Chemistry, University of Pavia, Viale Taramelli, 10- 27100 – Pavia, Italy. Fax: 39 0382 987323; Tel: 39 0382 987312; E-mail: dario.pasini@unipv.it

b) Department of Inorganic Chemistry, University of Pavia, Viale Taramelli 10-27100- Pavia, Italy. Fax: +39 0382 528544; Tel: +39 0382 987329; E-mail: angelo.taglietti@unipv.it

SUPPLEMENTARY INFORMATION AVAILABLE

Figures S1 to S5

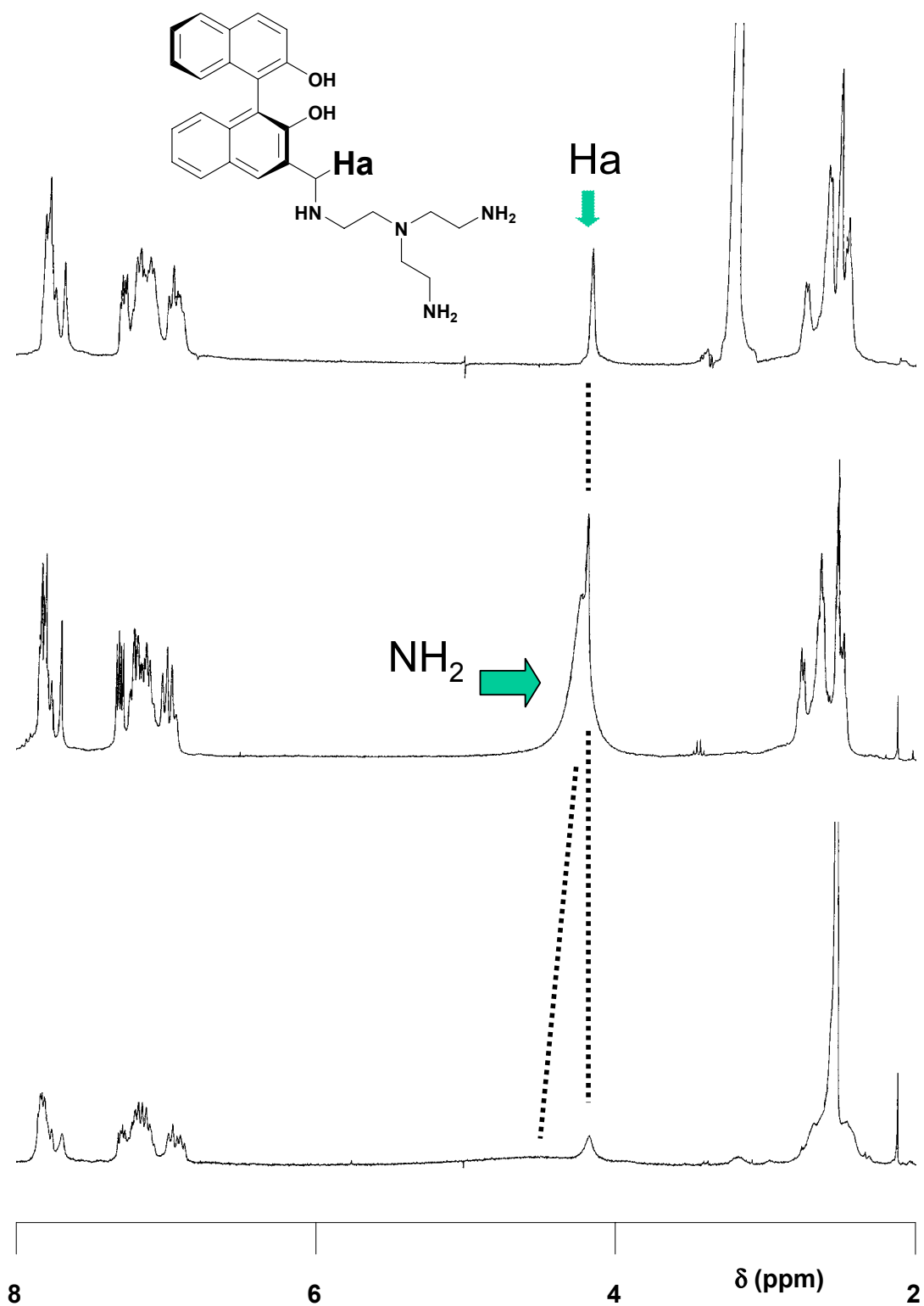


Figure S1. ^1H NMR spectra (300 MHz) of compound (*S*)-**2**; bottom, d_6 -DMSO at 30°C; middle, d_6 -DMSO at 90°C; top, d_6 -DMSO +D₂O at 90°C.

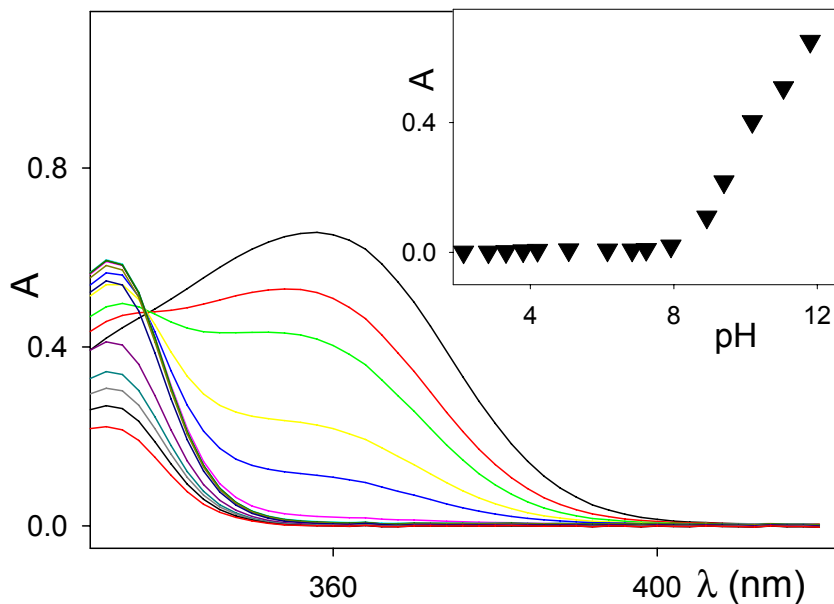


Figure S2. pH Spectrophotometric titration of (*S*)-**1** (5 × 10⁻⁴ M) in MeOH/H₂O 80/20. Inset: absorbance (360 nm) vs. pH.

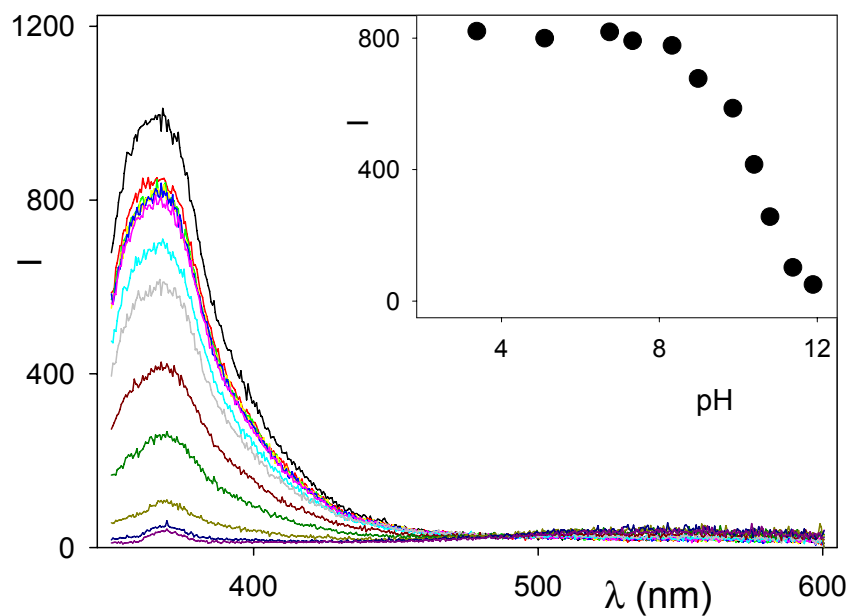


Figure S3. pH Spectrofluorimetric titration of (*S*)-**1** (10^{-5} M) in MeOH/H₂O 80/20. Inset: fluorescence intensity (370 nm) vs. pH.

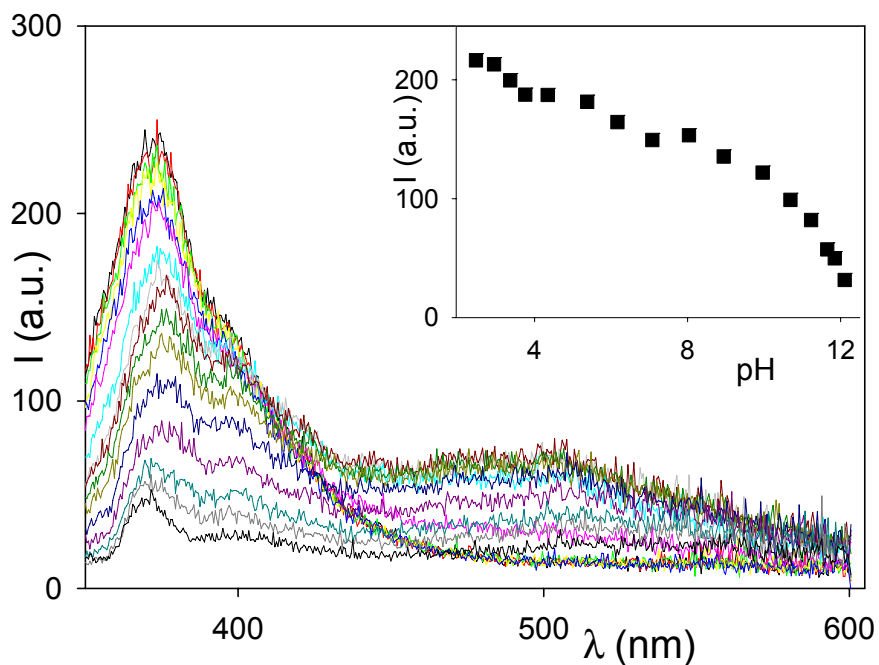
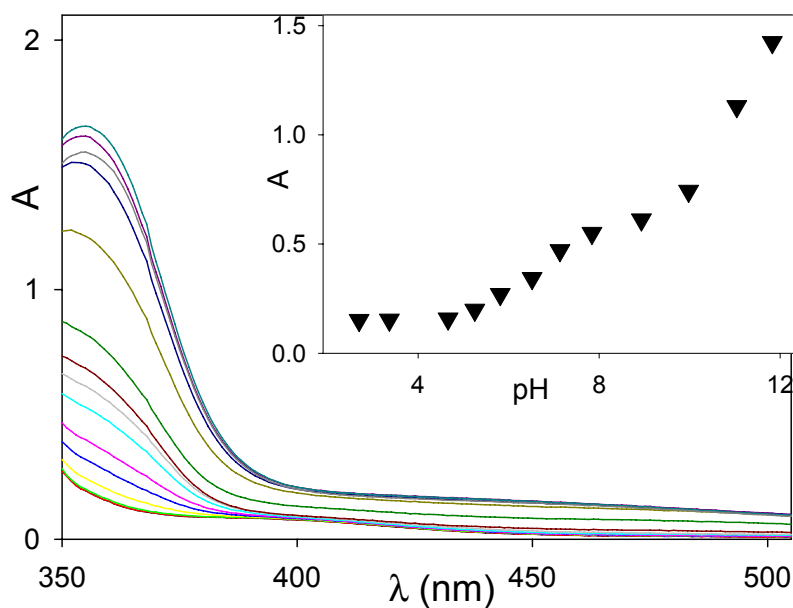


Figure S4. pH Spectrofluorimetric titration of (*S*)-**2** (10^{-5} M) in MeOH/H₂O 80/20. Inset: fluorescence intensity (370 nm) vs. pH.



Electronic Supplementary Information for Dalton Transactions
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Figure S5. pH Spectrophotometric titration of (*S*)-**2** in the presence of one equivalent of Ni(NO₃)₂, and (inset) absorbance at 360 nm vs pH (5×10^{-4} M in MeOH/H₂O 80/20).