

Supporting Information

Optically Switchable Chelates: Optical control and sensing of metal ions

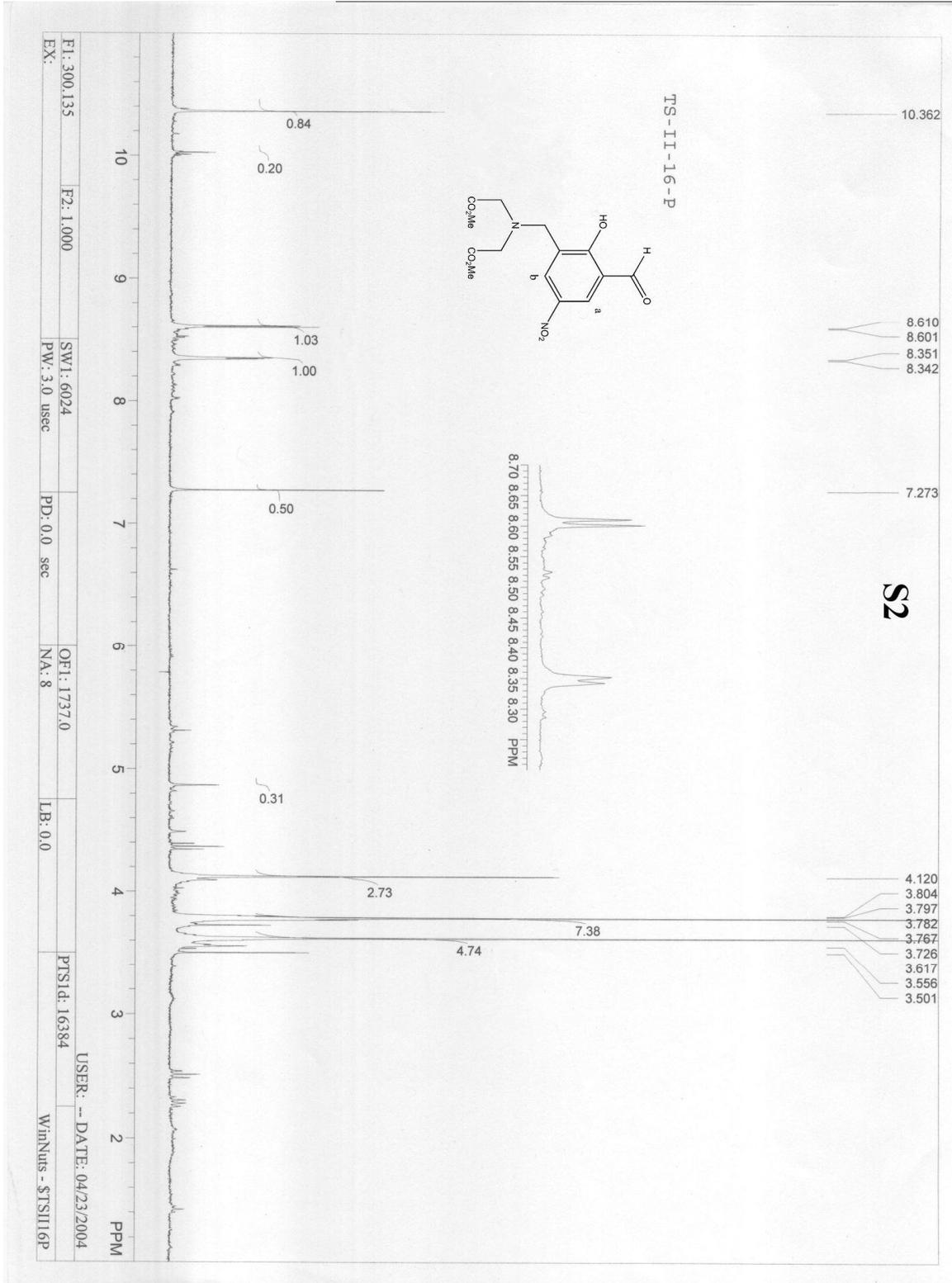
*Tomoyo Sakata, David Jackson, Shu Mao and Gerard Marriot**

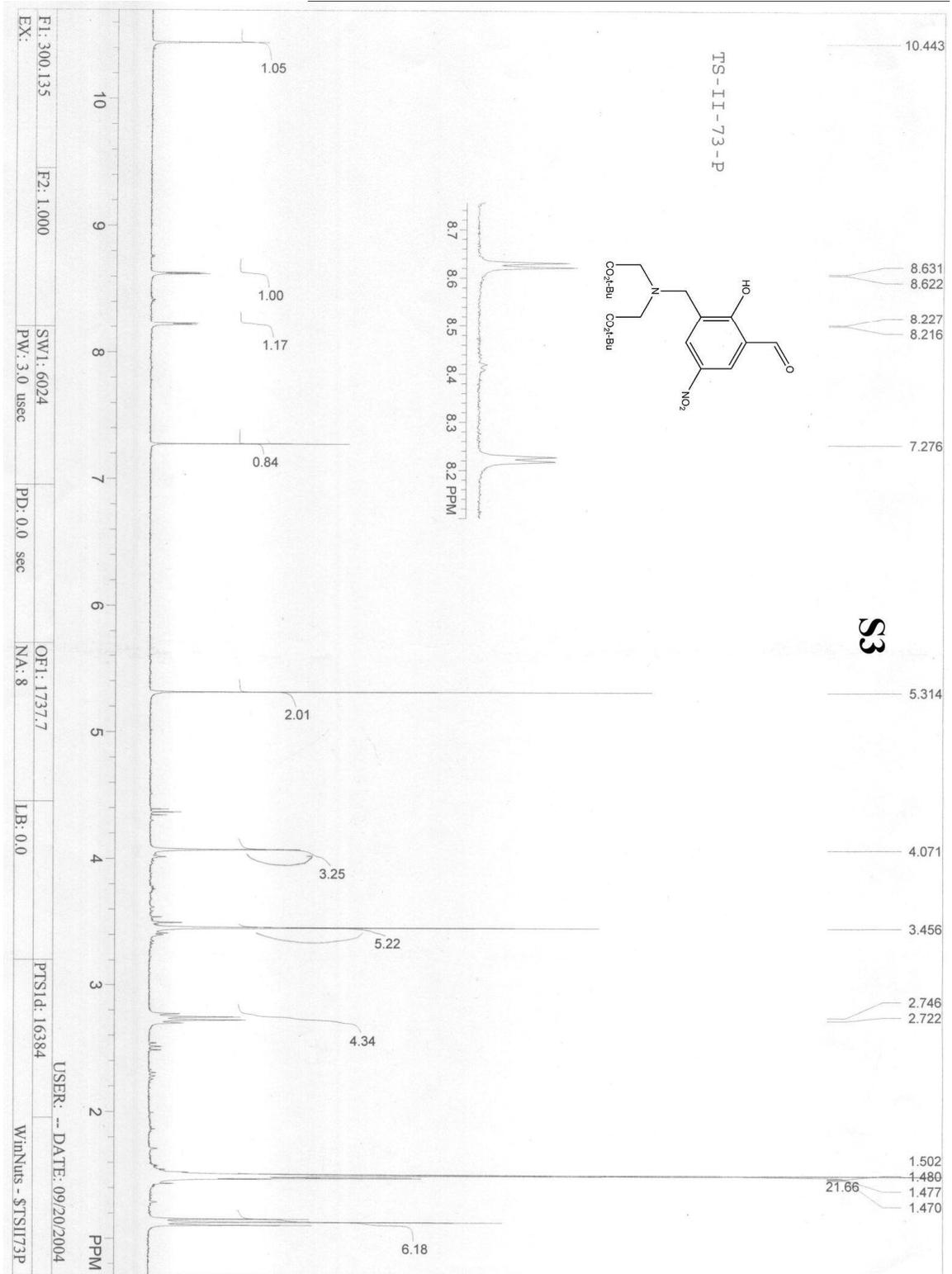
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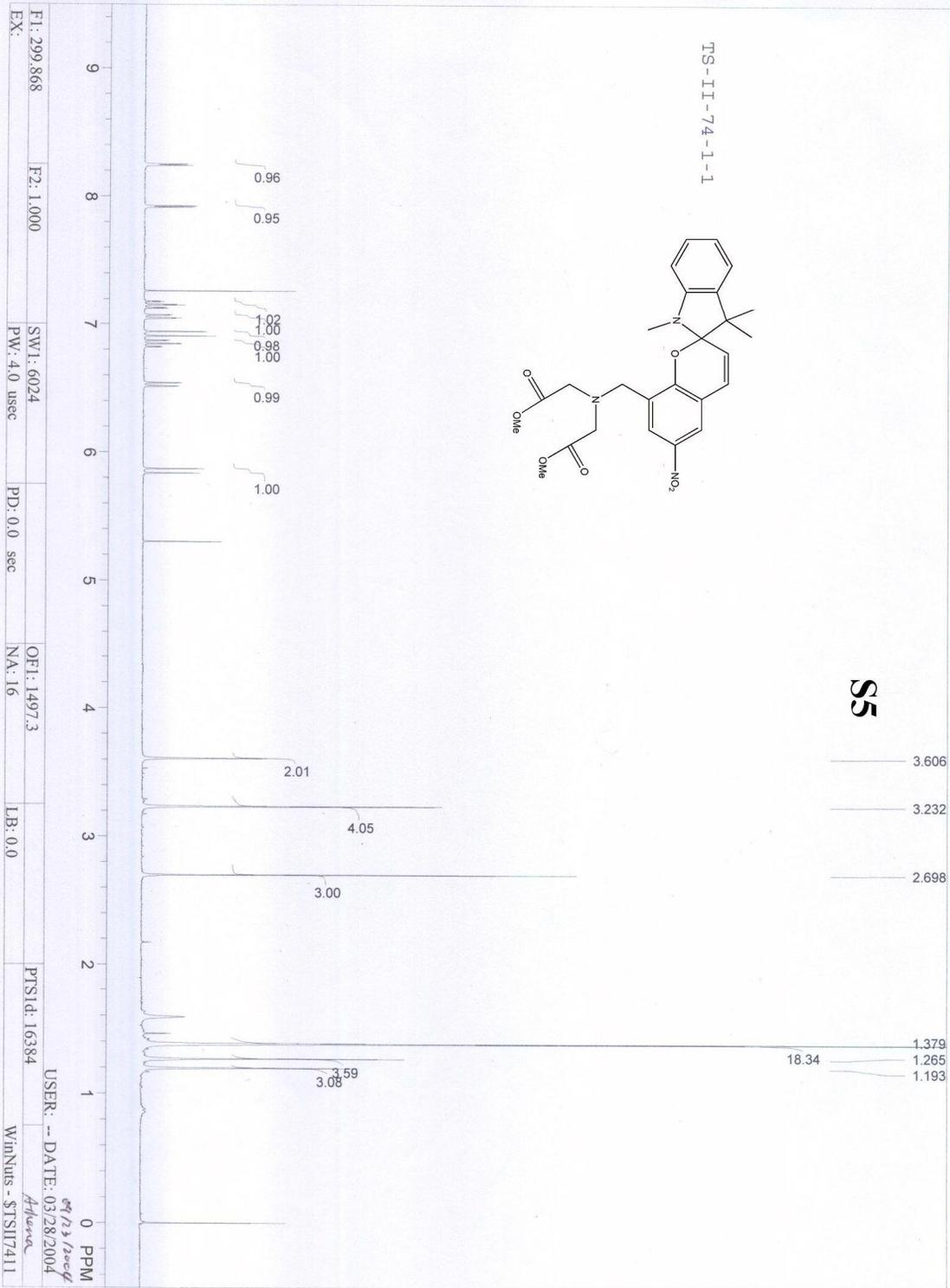
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table of contents: ¹H NMR spectra measured at 300 MHz

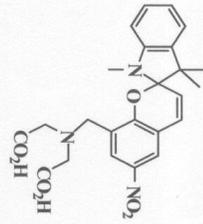
nitrosalicylaldehyde (1a) (crude product, containing Et ₃ N)	S2
nitrosalicylaldehyde (1b) (crude product, containing Et ₃ N)	S3
nitroBIPS (2a)	S4
nitroBIPS (2b)	S5
nitroBIPS (6)	S6
nitroBIPS-8-DA (3) (with addition of Et ₃ N to neutralize and improve solubility)	S7
nitroBIPS-8-TriAM (8)	S8







S7



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