

## Supplementary Material

### **A novel Schiff base-containing phthalocyanine and its azo dye-substituted analogue: the effect of pH on colour**

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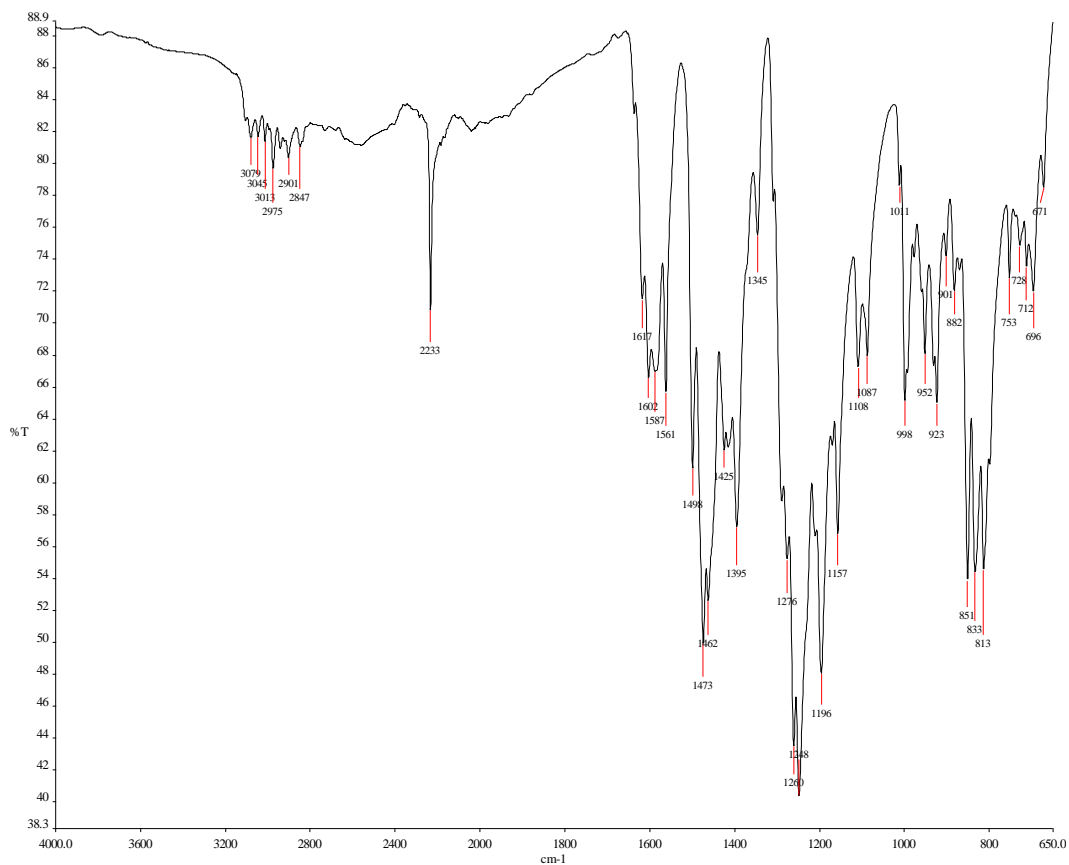


Figure S1. FT-IR spectrum of compound 1.

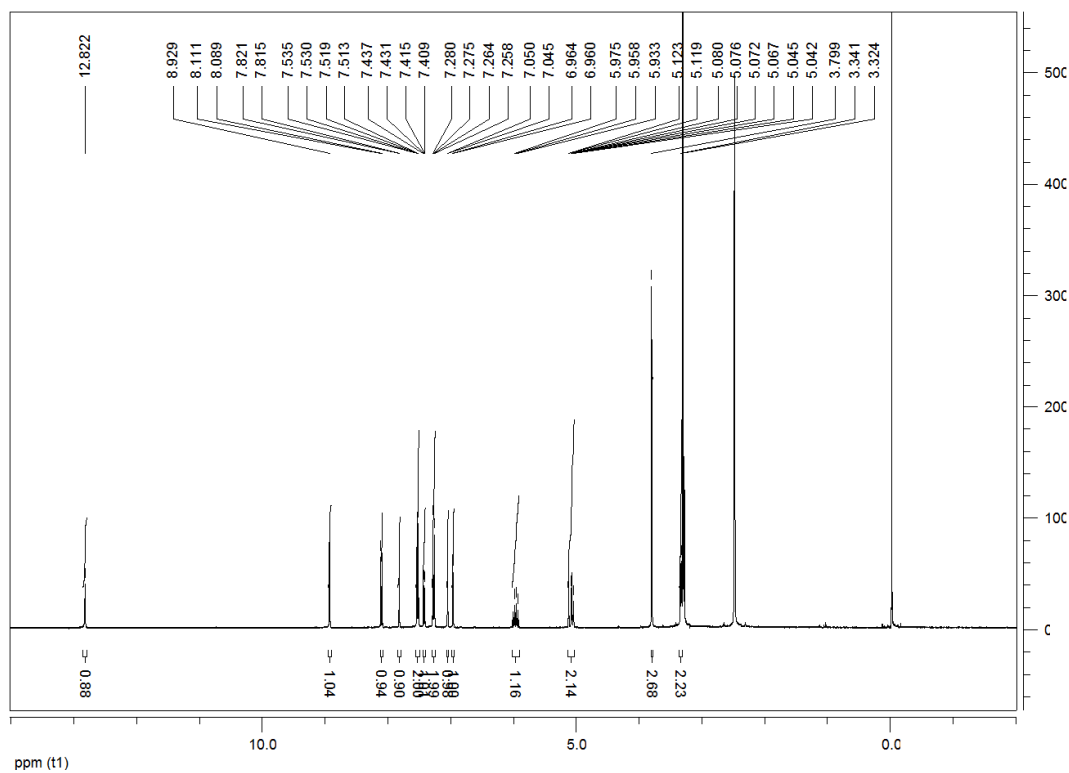
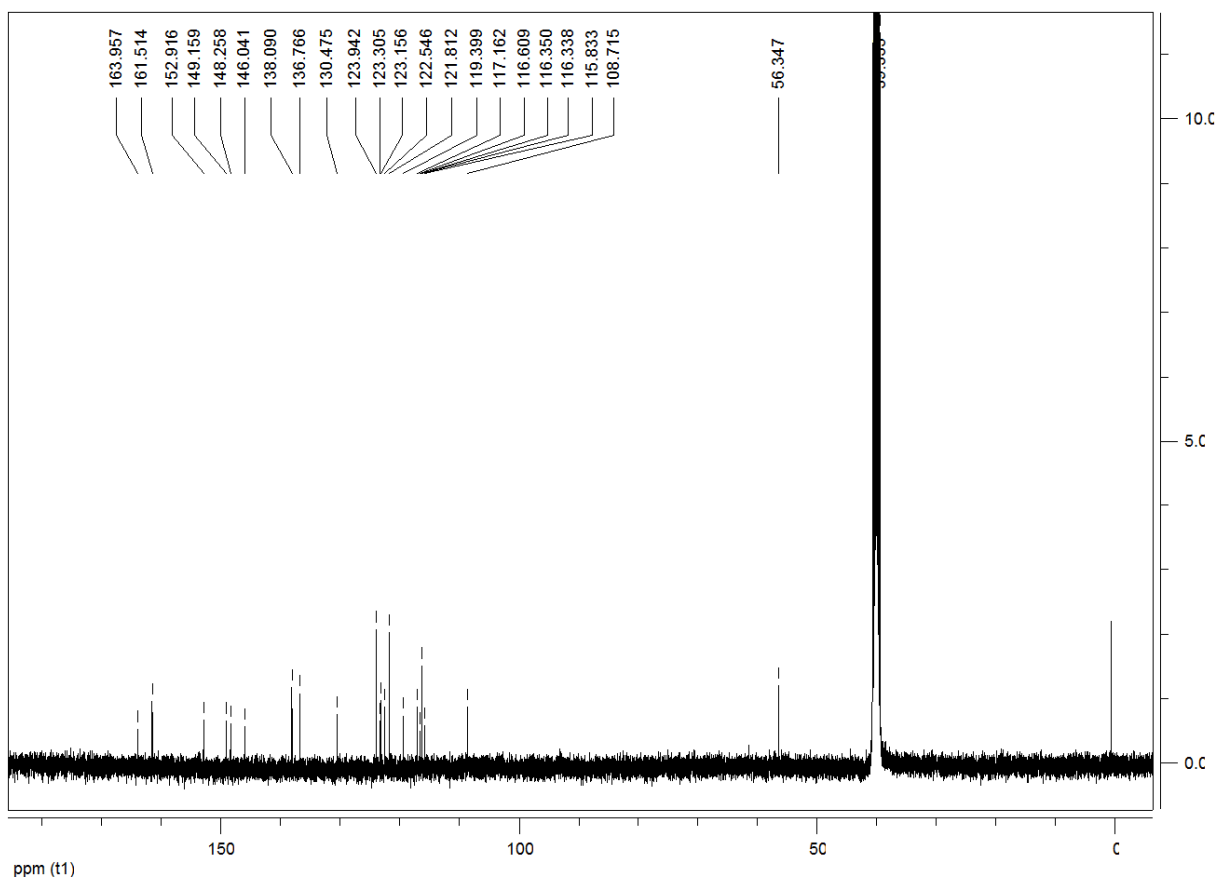
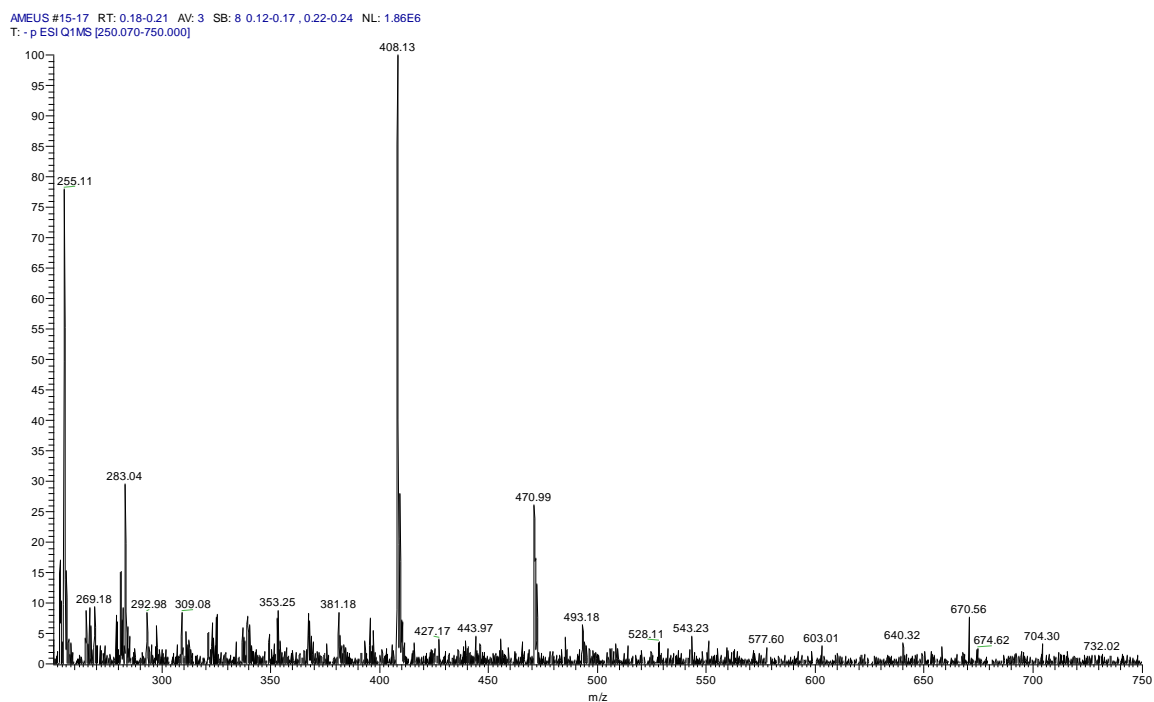


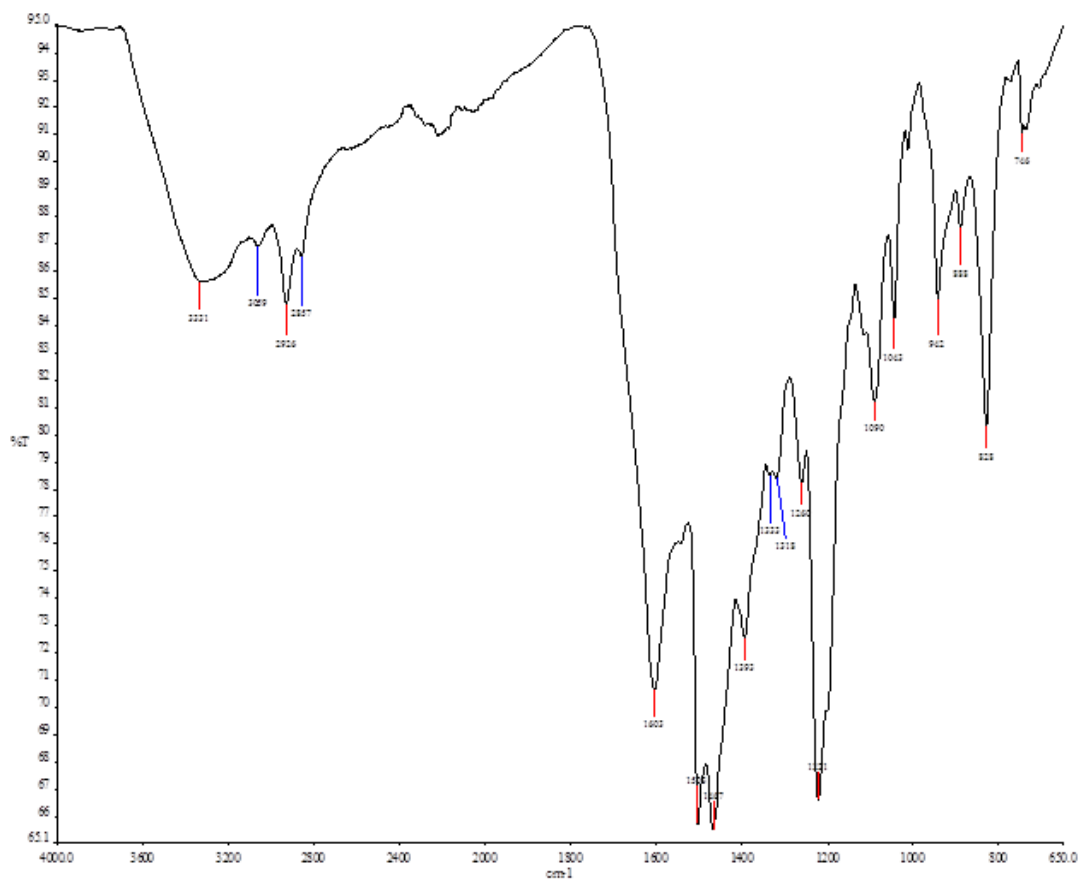
Figure S2. <sup>1</sup>H NMR spectrum of compound 1.



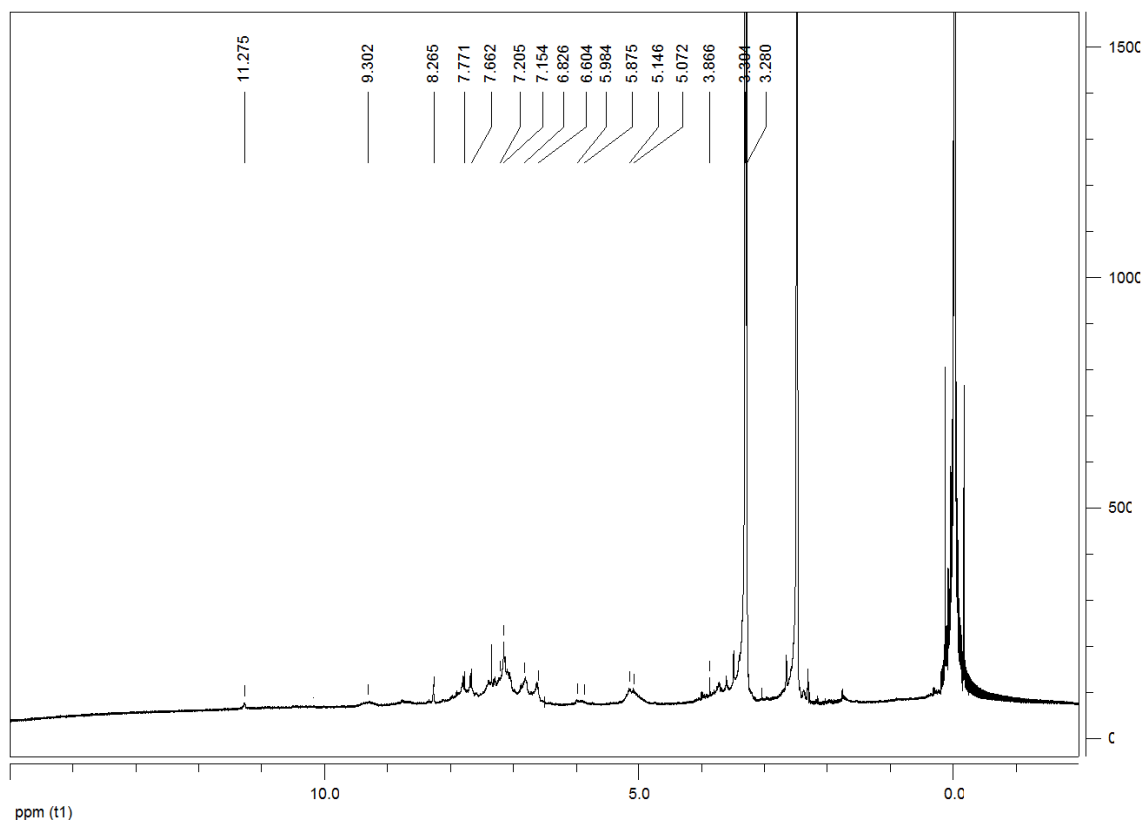
**Figure S3.**  $^{13}\text{C}$  NMR spectrum of compound 1.



**Figure S4.** Mass spectrum of compound 1.



**Figure S5.** FT-IR spectrum of compound 1a.



**Figure S6.**  $^1\text{H}$  NMR spectrum of compound 1a.