

## Supplementary Information

### Synthesis of 5,6,11,12-tetrahydrodibenzo[*b,f*][1,5]diazocines and a demonstration of their reactivity to afford strap-modified Tröger's base analogues

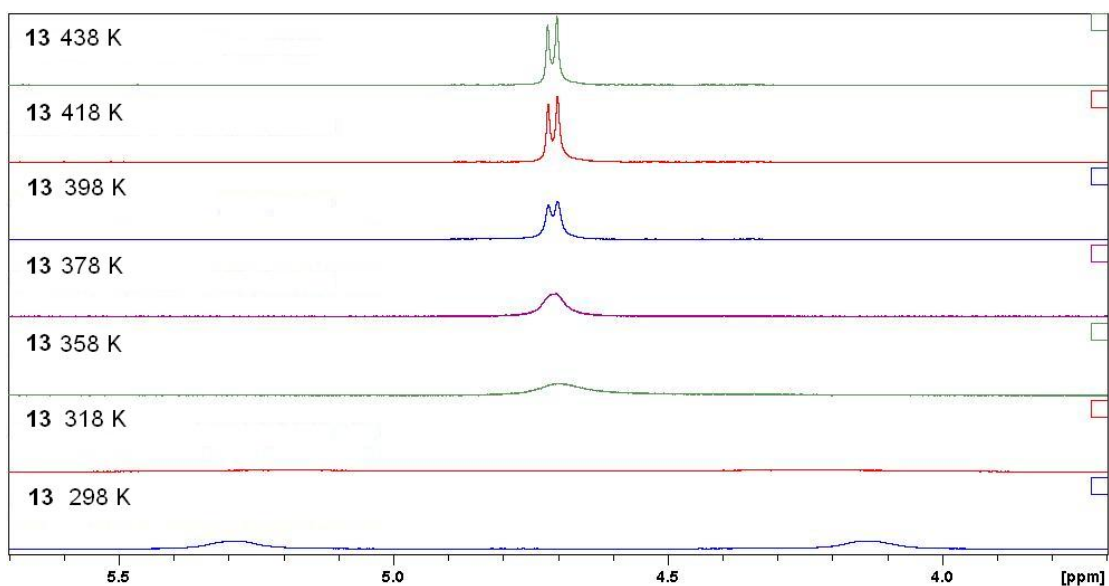
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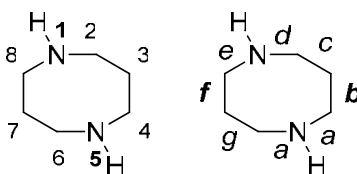
**Figure 1A.** A section of the 400 MHz <sup>1</sup>H NMR spectrum of **13** illustrating the chemical shift change of the benzylic protons at various temperatures.



**Figure 2A.** Numbering system used in the naming of the cyclic disecundary amines derived from naphthalene and quinoline Tröger's bases **15** and **16**.



7,8,15,16-tetrahydrodinaphthalo[b,f][1,5]diazocine    5,6,13,14-tetrahydroquinolino[b,f][1,5]diazocine



The origin of the numbering used in the square brackets is shown to the left and is associated with the numbering of the diazocine ring that is found in all of the cyclic diamines discussed in this manuscript. It utilises the nomenclature associated with Tröger's base compounds that is found throughout the literature.