### Synthesis of Directly Linked Diazine Isosteres of Pyrrole-Polyamide That Photochemically Cleave DNA

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### SUPPLEMENTARY SUPPORTING INFORMATION

Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is  $\ensuremath{\mathbb{C}}$  The Royal Society of Chemistry 2011

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Fig, S1 (a) DNA melting in the presence and absence of DNA binding ligands. The experiments were performed in 1 x PBS buffer, pH=6.8, at [Ligand]/[DNA] = 0.18, where [DNA] is the concentration of calf thymus DNA expressed in nucleotide phosphates. (b) Displacement assay showing the fluorescence of ethidium bromide [EtBr/CT DNA = 0.5] in the <sup>5</sup> presence of different concentrations of distamycin or the diazo compounds **Ib** and **4**, performed in 0.1 M Tris-HCl pH 8.0, containing 0.1 M NaCl).



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