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Supplementary Material.

Enantiospecific Palindromic Recognition of 5'-d(CTCTAGAG)-3' by a Novel

Rhodium Intercalator: Analogies to a DNA-Binding Protein

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Figure Caption.

Computer graphics model which depicts two Δ-[Rh(DPB)₂phi]³⁺ bound within the eight base pair palindromic site 5'-d(CTCTAGAG)-3'. Shown is an eleven base pair helix containing two intercalation sites. One strand is shown in light gray, the other in white. The metal complexes are shown in black with the phenyl groups on the ancillary ligands in dark gray. The complexes are bound in the major groove in a fashion consistent with the footprinting and photocleavage results. Each phi ligand is intercalated between the central CT base step and each complex is canted toward the C-strand of the helix. Note the aromatic contacts between the phenyl ring of one ancillary ligand and the bipyridyl ligand of the other complex.

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