Supporting Information

Title: Silver(I) and Mercury(II) Complexes with 1-Methyl-1,2,4-triazole as Models for Metal-Mediated Base Pairs – Formation of Discrete Complexes in Solution vs. One- and Two-Dimensional Coordination Polymers in the Solid State

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Supporting Figure S1: Complete Job plots (a, b) and titration data (c, d) for the treatment of 1-mtri with AgClO$_4$ (top row) and Hg(ClO$_4$)$_2$ (bottom row).

Supporting Figure S2: Job plots for the treatment of 1-mtri with a) Hg(NO$_3$)$_2$ and b) Hg(CF$_3$COO)$_2$ indicating the formation of 2:1 complexes in both cases.
Supporting Figure S3: Job plot for the treatment of 1-mtri with Hg(CF₃COO)₂ in the presence of triethylammonium acetate buffer (pH 7) indicating the formation of a 1:1 complex between 1-mtri and mercury(II).