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Probing Possible Non-Covalent Interactions on a Hexacationic Ag(I)-Pillarplex-Dodecyldiammonium Pseudo-Rotaxane as Terephthalate Salt

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Pillarplexes are tubular supramolecular organometallic complexes containing macrocyclic NHC-ligands and eighth metal ions. The structural self-assembly of these motifs is predicted to be governed by non-covalent interactions between the pillarplex cation and its surrounding. Herein, we investigated possible non-covalent interactions with Full Interaction Maps, crystal structure analysis and Hirshfeld surface analysis.

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