

Unusual Coordination Motifs on a Corrole Platform

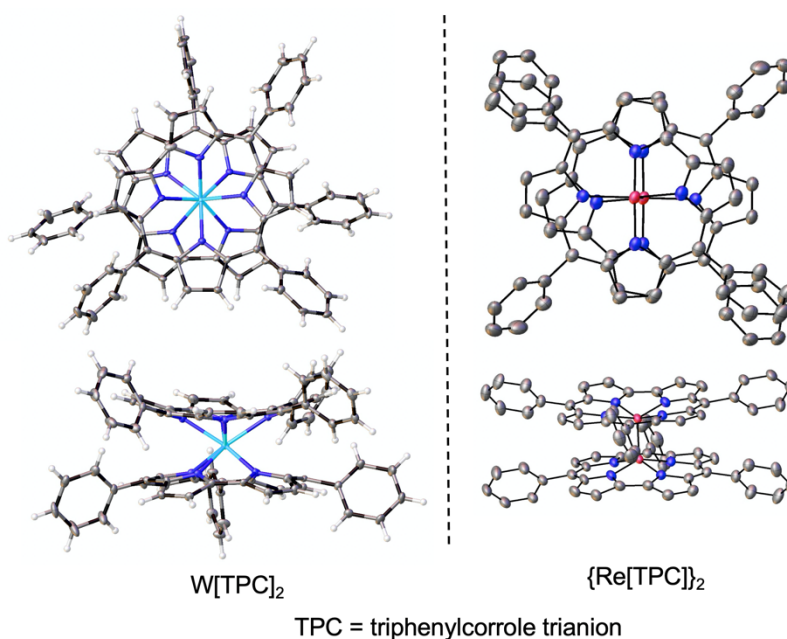


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The lecture will focus on the sterically constrained corrole ligand as a platform for less common coordination motifs. Key themes will include 5d transition metal corroles [1], corroles as binucleating ligands, metal-metal multiple-bonded metallocorrole dimers, and metallobiscorrole sandwich compounds, with emphasis on structural and stereochemical aspects.



[1] Alemayehu, A. B.; Thomas, K. E.; Einrem, R. F.; Ghosh, A. The Story of 5d Metallocorroles: From Metal–Ligand Misfits to New Building Blocks for Cancer Phototherapeutics. *Acc. Chem. Res.* **2021**, *54*, 3095-3107.