Supporting Information

The Chemistry of the s- and p-Block Elements with 2,2':6',2''-Terpyridine Ligands

Andreas Winter,[1,2,3] *George R. Newkome,*[4] *Ulrich S. Schubert*[1,2,3]*

[1] Laboratory of Organic and Macromolecular Chemistry (IOMC), Friedrich Schiller University Jena, Humboldtstr. 10, 07743 Jena, Germany

[2] Jena Center for Soft Matter (JCSM), Friedrich Schiller University Jena, Philosophenweg 7, 07743 Jena, Germany

[3] Center for Energy and Environmental Chemistry Jena (CEEC Jena), Philosophenweg 7a, 07743 Jena, Germany

[4] Center for Molecular Biology and Biotechnology, Florida Atlantic University, Jupiter Campus, 5353 Parkside Drive, Florida 33458, USA

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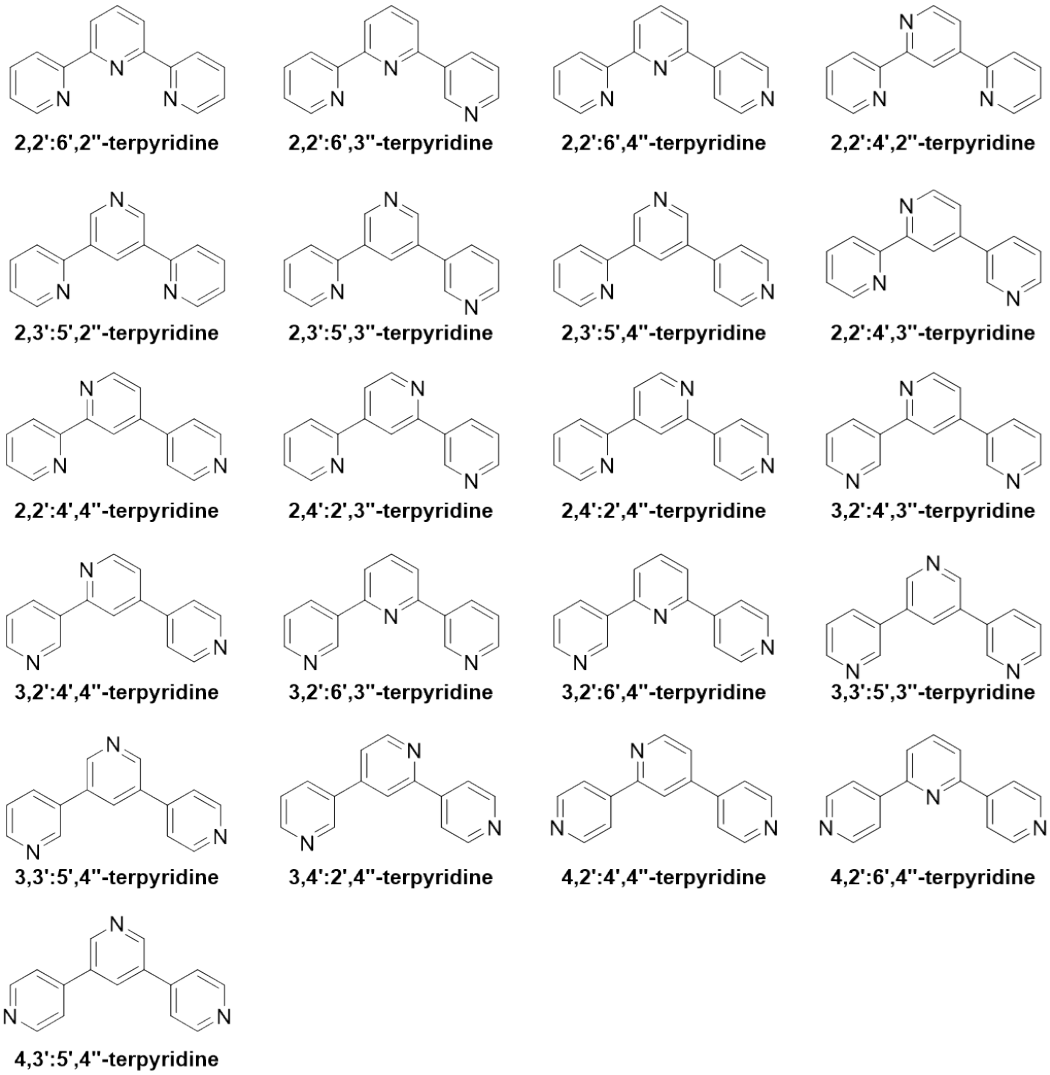

Figure SI- 1. Schematic representation of the various constitutional isomers from the terpyridine family, which could act as a tridendate ligand. Figure redrawn according to Constable *et al.*[1] and Klein *et al.*.[2]

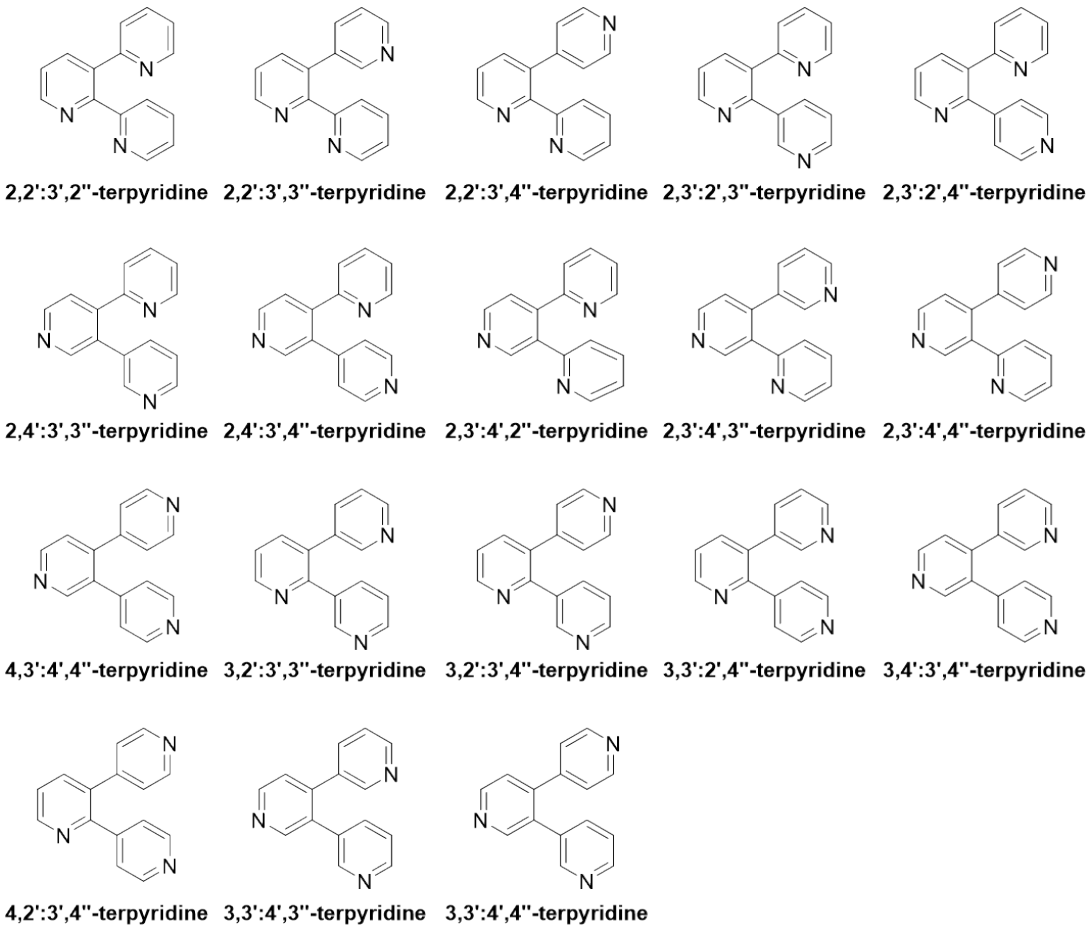

Figure SI- 2. Schematic representation of the remaining angled constitutional isomers from the terpyridine family, which could not act as tridentate ligands. Figure redrawn according to Constable *et al.*.[1]

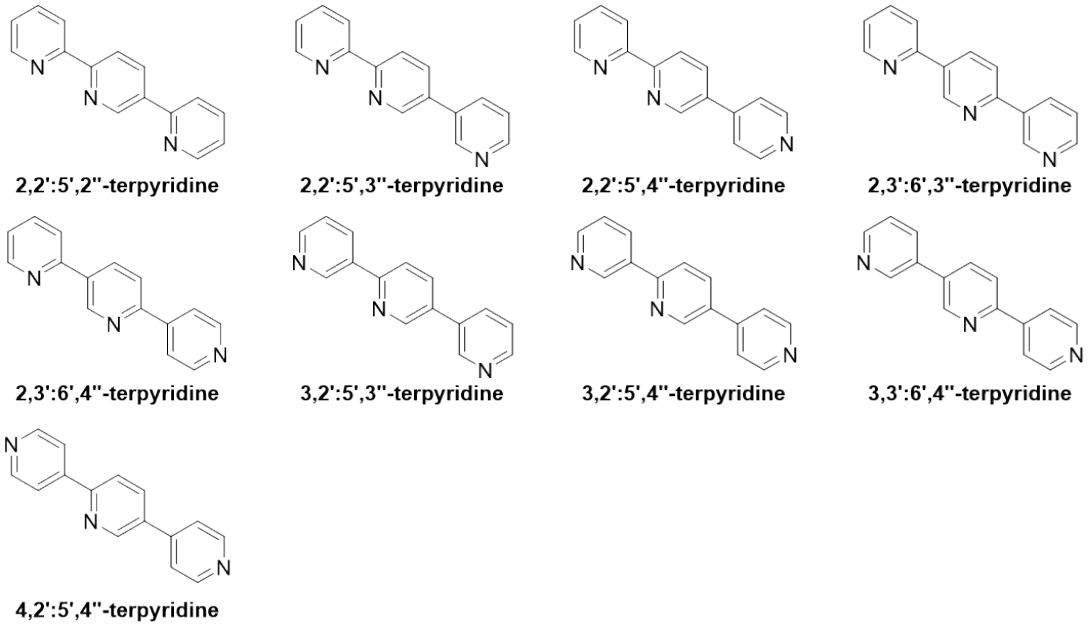

Figure SI- 3. Schematic representation of the various linear constitutional isomers from the terpyridine family. Figure redrawn according to Constable *et al.*.[1]

References

(1) C. E. Housecroft and E. C. Constable: Isomers of terpyridine as ligands in coordination polymers and networks containing zinc(II) and cadmium(II). *Molecules* **2021,** *26*, 3110. DOI: 10.3390/molecules26113110

(2) L. Payen, L. Kletsch, T. Lapić, M. Wickleder, and A. Klein: C-H Metalation of terpyridine stereoisomers with Ni(II), Pd(II), and Pt(II). *Inorganics* **2023,** *11*, 174. DOI: 10.3390/inorganics11040174