

Control of Spatial Distribution of Metal Centers in Framework Coordination Complexes

Dean A. Katahira*, Kacie M. Louis, and Christopher R. Rydz

Ripon College, 300 Seward Street, Ripon, Wisconsin 54971, USA
<http://www.ripon.edu>

The synthesis of ligands capable of spanning and positioning metal centers at long distances are of interest to us. A series of bidentate ligands that begin to address this goal has been designed and synthesized. The use of the ligands in transition metal complex formation has been investigated.