

## PUBLICATIONS (RESEARCH)

(Underlined names are those of undergraduate student assistants, double underlined are high school teachers.)

“(18-Crown-6)-2,3,11,12-tetracarboxylic Acid as a Chiral NMR Solvating Agent for Determining the Enantiomeric Purity and Absolute Configuration of  $\beta$ -Amino Acids,” Wenzel, T.J.; Bourne, C.E.; Clark, R.L., *Tetrahedron: Asymmetry*, in press.

“Water-soluble Calix[4]resorcinarenes with Hydroxyproline Groups as Chiral NMR Solvating Agents for Phenyl- and Pyridyl-containing Compounds,” Hagan, K.A.; O’Farrell, C.M.; Wenzel, T.J., *European Journal of Organic Chemistry*, in press.

“Carboxymethylated Cyclodextrins and their Complexes with Pr(III) and Yb(III) as Water-soluble Chiral NMR Solvating Agents for Cationic Compounds,” Provencher, K.A.; Weber, M.A.; Randall, L.A.; Cunningham, P.R.; Dignam, C.F.; Wenzel, T.J., *Chirality*, in press..

“Water-soluble Calix[4]resorcinarenes as Chiral NMR Solvating Agents for Bicyclic Aromatic Compounds,” O. Farrell, C.M.; Hagan, K.A.; Wenzel, T.J., *Chirality*, in press.

“Selective Retention of Explosives and Related Compounds on Gas-Chromatographic Capillary Columns Coated with Lanthanide(III)  $\beta$ -diketonate Polymers,” Harvey, S.D., Wenzel, T.J. *Journal of Chromatography A*, 2009, 1216, 6417-6423.

“Diamagnetic Lanthanide Tris  $\beta$ -Diketonates as Organic-soluble Chiral NMR Shift Reagents,” Wenzel, T.J.; Wenzel, B.T., *Chirality*, **2009**, 21, 6-10.

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“Chiral NMR Discrimination of Amines: Analysis of Secondary, Tertiary and Prochiral Amines using (18-Crown-6)-2,3,11,12-tetracarboxylic Acid,” Lovely, A. E., Wenzel, T. J., *Chirality*, **2008**, 20, 370-378.

“Chiral NMR Discrimination of Piperidines and Piperazines Using (18-Crown-6)<sub>2,3,11,12</sub>-tetracarboxylic Acid,” Lovely, A.E.; Wenzel, T.J., *Journal of Organic Chemistry*, **2006**, *71*, 9178-9182.

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