

A Simple Method for the Determination of Enantiomeric Excess and Identity of Chiral Carboxylic Acids

Leo A. Joyce, Marc S. Maynor, Justin M. Dragna, Gabriella M. da Cruz, Vincent M. Lynch, James W. Canary,* and Eric V. Anslyn*

J. Am. Chem. Soc. 2011, 133, 13746-13752. DOI: 10.1021/ja205775g

Page 13749. In Figure 5, the stereochemistry of the bound guest was incorrectly drawn. The correct structure should be the following:

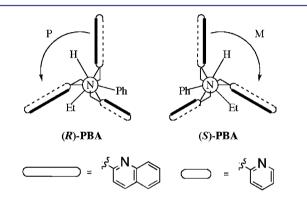


Figure 5. Newman projections for host **1** with each enantiomer of **PBA** bound. An M-propeller gives (+) chirality for the orientation of the quinoline electronic dipole moments.

On the bottom right column of the same page, the assignment of propeller twists based on Figure 5 was incorrect. It should read, "Thus, the (R)-enantiomer leads to a P-type propeller while the (S)-enantiomer prefers an M-type propeller (Figure 5)."