New Chiral Building Blocks from Tetrabromocyclopropene

Phillip M. Pelphrey, Khalil Abboud and Dennis L. Wright

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General Experimental

All reactions were performed under an atmosphere of argon in flame-dried glassware. Starting materials were weighed out in a dry box under a nitrogen atmosphere. Dichloromethane was distilled from calcium hydride. All other materials were obtained from commercial sources and used without any further purification.

HPLC Procedure

Enantiomeric excess of the derived *endo* alcohols were determined on a Hewlett Packard Series 1100 HPLC using a Daicel Chemical Industries, LTD. Chiralcel OJ-H chiral column. (+)-2 and (-)-2 were reduced to the respective alcohols using standard Luche conditions.¹ Separations were performed in hexanes:isopropanol (97:3) at a column flow rate of 0.85 mL/min with detection at 254 nm.

¹ Orugunty, R.S., Wright, D.L., Battiste, M.A., Helmich, R.J. and Abboud, K., *J. Org. Chem.*, **2004**, 69, 406-16.

racemic mixture

3

3

4

7

4

(+)-2

(+)-2

(-)-2

(-)-2