



FIG. 6. Chemical structure of the OA-4100 stationary phase.

Figure 6 shows the structure of the OA-4100 stationary phase. This phase contains a chiral urea group and a chiral 1-(α -naphthyl)ethyl group, which have the abilities to serve either as a donor or an acceptor in hydrogen bonding and to serve as a π -donor, respectively (11). Thus, the diastereomeric hydrogen bonding association and π - π donor-acceptor interaction between the stationary phase and the solutes may contribute to the enantiomer separations of diacyl- and dialkylglycerols. In comparison with OA-2100 used previously (8-10), OA-4100 has two more NH groups in the molecule, which may facilitate the hydrogen bonding association with the carbonyl groups in the solutes. The introduction of an NH group as the urethane derivatives into diacyl- and dialkylglycerols may also contribute to the excellent enantiomer separations. In addition, the naphthyl group in OA-4100 may form more easily the charge transfer complex with the 3,5-dinitrophenyl group in the urethane derivatives than the chlorophenyl group in OA-2100.

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ERRATUM

Two figures were inadvertently transposed in the June issue of *Lipids*. The figure which appeared over the Figure 4 legend, on page 405, should have been over the Figure 5 legend, on page 406, and the one over the Figure 5 legend should have appeared over the Figure 4 legend. The error occurred in "Lipid Peroxidation in Erythrocyte Membranes: Cholesterol Product Analysis in Photosensitized and Xanthine Oxidase-Catalyzed Reactions," by Albert W. Girotti, Gary J. Bachowski and John E. Jordan, published in *Lipids* 22, 401-408 (1987).