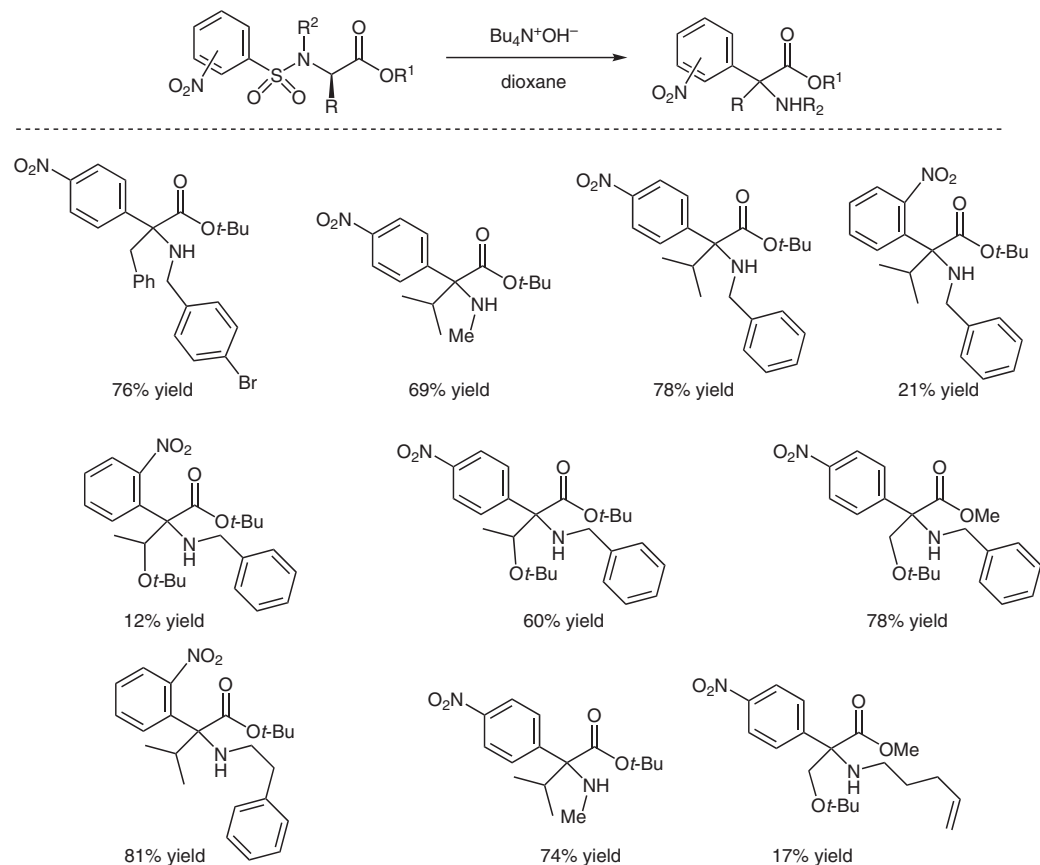


M. W. WILSON*, S. E. AULT-JUSTUS, J. C. HODGES, J. R. RUBIN (PARKE-DAVIS PHARMACEUTICAL RESEARCH, DIVISION OF WARNER-LAMBERT COMPANY, ANN ARBOR, USA)

A Facile Rearrangement of *N*-Alkyl, *N*-(*o* or *p*-Nitrophenylsulfonamide)- α -Amino Esters
Tetrahedron **1999**, *55*, 1647–1656, DOI: 10.1016/S0040-4020(98)01209-5.

Synthesis of α -Quaternary Amino Esters via Intramolecular Rearrangement



Significance: α -Quaternary amino acids are ubiquitously found in many biologically active molecules and play a crucial role in the determination of various biological pathways of metabolism. In 1999, the authors developed a tetrabutylammonium hydroxide-mediated intramolecular rearrangement of *N*-alkyl, *N*-(*o* or *p*-nitrophenylsulfonamide)- α -amino esters for the synthesis of α -quaternary amino acids esters.

Comment: A series of α -quaternary amino acids esters were synthesized via a Meisenheimer intermediate. The reaction proceeded with good to moderate yields and with good selectivity.