

Poster Presentation P17

**A FACILE METHOD FOR THE DEPROTECTION OF OXIMES
USING BISMUTH BROMIDE-BISMUTH TRIFLATE**

Patrick D. Hayes, Joshua N. Arnold, Robert L. Kohaus and Ram S. Mohan*
Department of Chemistry, Illinois Wesleyan University

Ketones are obtained in good yields by treatment of oximes with 40 mol % BiBr₃ and 5 mol % Bi(OTf)₃ in CH₃CN/acetone/H₂O (6:3:1). Since oximes can be obtained from non-carbonyl compounds, this method also constitutes a useful synthesis of ketones. Advantages of this method include the use of relatively non-toxic and inexpensive catalysts. The results of this study will be presented.

