Poster Presentation P23

THE UTILITY OF BISMUTH TRIFLATE AS A CATALYST FOR THE FRIES REARRANGEMENT

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Bismuth compounds are relatively non-toxic, easy to handle, and insensitive to small amounts of air and moisture. Hence they are attractive for use as catalysts and reagents in organic synthesis. The Fries Rearrangement is a useful synthetic transformation that allows the conversion of esters to hydroxy substituted ketones. Bismuth triflate is found to be a catalyst for the Fries rearrangement. The results of this study will be presented.