

Modern Friedel-Crafts chemistry. Part 24. Alkylation of benzene with 1,2-dibromo-3-chloro-2-methylpropane in the presence of Lewis and Bronsted acid catalysts. Albar, Hassan A.; Khalaf, Ali A.; Bahaffi, Saleh O. Dep. Chem., King Abdulaziz Univ., Jeddah, Saudi Arabia. Journal of Chemical Research, **Synopses** (1997), (1), 20-21. CODEN: JRPSDC ISSN: 0308-2342. Journal written in English. CAN 126:185841 AN 1997:63459 CAPLUS (Copyright 2004 ACS on SciFinder (R))

Abstract

The major alkylation products of benzene with 1,2-dibromo-3-chloro-2-methylpropane were 1,1'-(3-chloro-2-methylpropylidene)bis[benzene] with $\text{AlCl}_3\text{-CH}_3\text{NO}_2$ or K10 montmorillonite (K10 Clay); minor products include di- and tri-phenylated butanes and/or 2-methyl-1-phenylindane.