

Synthesis and rearrangement of pyrazolylamino alcohols. Abdallah, Magda A.; Abbas, Ikhlass M.; Mosselhi, Mosselhi A. N.; Albar, Hassan A.; Shawali, Ahmad S. Fac. Sci., Univ. Cairo, Giza, Egypt. Journal of Chemical Research, Synopses (1994), (2), 76-7. CODEN: JRPSDC ISSN: 0308-2342. Journal written in English. CAN 120:270224 AN 1994:270224 CAPLUS (Copyright 2004 ACS on SciFinder (R))

Abstract

4-Aryl-5-benzoylamino-5-hydroxymethyl-1,3-diphenyl-2-pyrazolines I (R = CH₂OH, Ar = Ph, 4-MeC₆H₄, 4-MeOC₆H₄, 4-ClC₆H₄) were prepd. by LiAlH₄ redn. of either the spiro-pyrazolines II or the corresponding pyrazoline esters I (R = CO₂Me); treatment of I (R = CH₂OH) with hydrochloric acid in dioxane at room temp., gave 4-aryl-5-hydroxymethyl-1,3-diphenylpyrazoles III.

