

**Synthesis of new pyrazoles from chalcones.** Faidallah, H. M.; Makki, Mohamod S. I.; Albar, H. A.; Sharshira, E. M. Chemistry Department, Alexandria University, Alexandria, Egypt. **Indian Journal of Heterocyclic Chemistry** (2001), 11(1), 21-26. CODEN: IJCHEI ISSN: 0971-1627. Journal written in English. CAN 136:232229 AN 2001:808786 CAPLUS (Copyright 2004 ACS on SciFinder (R))

### **Abstract**

Condensation of chalcones with p-sulfamylphenylhydrazine hydrochloride in presence of sodium acetate afforded the corresponding hydrazones. Subsequent boiling of the hydrazones in ethanol contg. few drops of hydrochloric acid gave the corresponding pyrazolines. Oxidn. of the pyrazolines with aq. bromine furnished 3,5-disubstituted pyrazoles. When pyrazolines were treated with bromine in chloroform, they underwent oxidative bromination giving the dibromopyrazoles.