

(43) Synthesis of novel cyclic benzenesulfonylurea and thiourea derivatives. Faidallah, Hassan M.; Albar, Hassan A.; Makki, Mohamad S. I.; Sharshira, E. M. Chemistry Department, Faculty of Science, Alexandria University, Alexandria, Egypt. **Phosphorus, Sulfur and Silicon and the Related Elements** (2002), 177(3), 685-693. CODEN: PSSLEC ISSN: 1042-6507. Journal written in English. CAN 138:73198 AN 2002:623722 CAPLUS (Copyright 2004 ACS on SciFinder (R))

Abstract

Treatment of the pyrazoline derivs. with isocyanates or isothiocyanates afforded ureas and thioureas in a good yield. Subsequent treatment of the benzenesulfonylthioureas with α - and β -halogenocarbonyl compds. gave the corresponding thiazolidines and 1,3-thiazinones resp. When urea derivs. were reacted with di-Me malonate in sodium ethoxide, they gave the corresponding pyrazolebarbiturate derivs. The structure of the isolated product were detd. by the spectral methods.