

Synthesis of novel spiro and fused cyclopenta[c]pyrazole and -pyrimidine derivatives. Albar, Hassan A.; Makki, Mohammed S. I.; Faidallah, Hassan M. Department Chemistry, University King Abdulaziz, Jeddah, Saudi Arabia. *Journal of Chemical Research, Synopses* (1997), (2), 40-41. CODEN: JRPSDC ISSN: 0308-2342. Journal written in English. CAN 126:199465 AN 1997:98534 CAPLUS (Copyright 2004 ACS on SciFinder (R))

Abstract

Condensation of diarylmethylidenecyclopentanes with hydrazine, hydroxylamine, and thiourea derivs. afford the corresponding fused pyrazoles, oxazoles, and pyrimidines. E.g., reaction of diarylmethylidenecyclopentanes I (Ar = Ph, p-MeOC₆H₄) with RNHNH₂ (R = Me, Ph, p-ClC₆H₄, p-H₂NSO₂C₆H₄) gave cyclopentanopyrazoles II.

