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| Title | Synthesis of 7,11-diaryl-2,4-diazaspiro[5,5]undecane-3-oxo(or thioxo)-1,5,9-triones, Part I | | |
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| Abstract |  |
| Spiro compounds 7,11-diaryl-2,4-diazaspiro[5.5]undecane-1,3,5,9-tetraones 3a–e and 7,11-diaryl-3-thioxo-2,4-diazaspiro[5.5]undecane-1,5,9-triones 3f–j were prepared from the reaction of 1,5-diaryl-1,4-pentadien-3-ones 2a–f with barbituric acid (1a) and 2-thiobarbituric acid (1b). The structures of the products were confirmed by UV, IR, 1H and 13C NMR, MS and elemental analysis. | |