

Synthesis of novel derivatives of 7-aryl spiro[indoline- pyrido[2,3-d]pyrimidine] trione

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There is a continuous widespread interest in the synthesis of pyrido[2,3-d]pyrimidines because of the diverse biological properties associated with this system. Several synthetic methodologies for the synthesis of pyrido[2,3-d]pyrimidine derivatives have been reported. In this research, we would like to report, for the first time, a simple approach to the synthesis of some novel 7'-aryl-spiro[indoline-3,5'-pyrido[2,3-d]pyrimidine] derivatives by reaction of N,N-dimethyl uracil, isatin derivatives, and acetophenon derivatives. The operational simplicity, high yields, and facile work-up procedures are advantages of this methodology. **Keywords:** Spiro[indoline-3,5'-pyrido[2,3-d]pyrimidine, uracil, isatin, pyrimidine.

Keywords : Synthesis of Derivatives - Ariel Spiro - Indolin

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