

Synthesis of Pyrano [3,2-c] Chromones with electrochemical method

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Abstract Coumarin and chromon derivatives have several biological properties. various synthetic methods were reported for the synthesis of chromones. In this research , Pyrano chromen derivatives have been synthesized the reaction of 4-hydroxy coumarin, malononitril, aromatic aldehyds or N-alkyl isatin by electrochemical method. Simple sepration, enviromentaly friends,high yeild of products, room temperature reaction and low time reaction are advantages of this methodes. **Keyword:** Electrochemistry, 4-hydroxy coumarin, Aldehyd, N-alkyl isatin, chromen, malononitril.

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