

SYNTHESIS AND CHARACTERIZATION OF NEW COUMARIN DERIVATIVES FROM PYRAZOLE DERIVATIVES

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ABSTRACT

New derivatives of coumarin were synthesized by the reaction of pyrazole or pyrazol-5-one derivatives with Salicylaldehyde and 4-Bromosalicylaldehyde in presence of few drops piperidine then cyclized to form coumarin derivatives. The new compounds were characterized by some spectroscopic methods (FT-IR spectroscopy, ¹H-NMR spectral, ¹³CNMR spectroscopy and Mass spectra)

KEYWORDS: Synthesis and Characterization of New Coumarin Derivatives from Pyrazole Derivatives