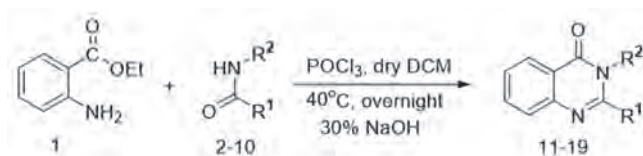


A FACILE SYNTHESIS OF QUINAZOLINONE DERIVATIVES THROUGH VILSMEIER INTERMEDIATE

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ABSTRACT The reaction of ethyl 2-aminobenzoate with different substituted amide compounds led to cyclization through Vilsmeier intermediate in dry dichloromethane and ambient temperature, affording the 4(3*H*)-quinazolinone derivatives with higher yields. The structures of all the new products obtained in this work are supported by spectral and analytical data (infrared, nuclear magnetic resonance, and mass spectroscopy).



KEY WORDS Anticancer activity, Cyclization processes, Heterocyclic, Quinazolinones, Vilsmeier intermediate.