

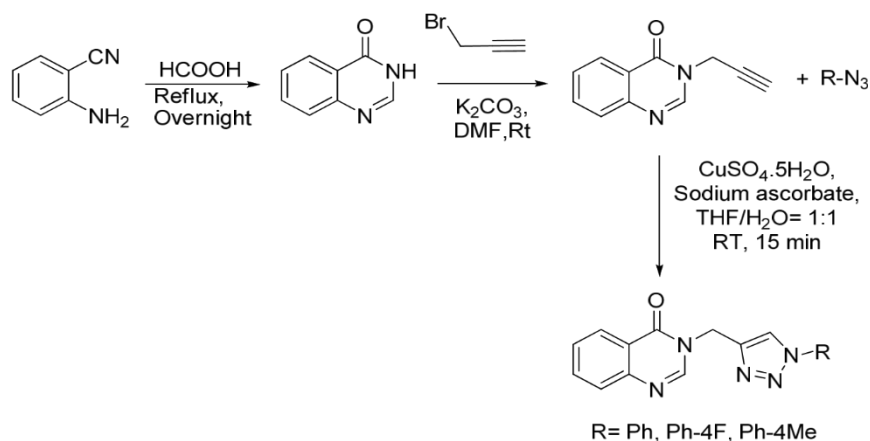
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SYNTHESIS AND CHARACTERIZATION OF 1,2,3-TRIAZOLE-INTEGRATED QUINAZOLINONE DERIVATIVES

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Abstract. Design and development of a new class of heterocyclic compounds is always fascinated route in the drug discovery owing to wide range of pharmaceutical applications. Especially, quinazolinones are the important class of heterocyclic compounds having broad spectrum of biological activities including antimicrobial, anti-HIV, antimalarial, anti-tuberculosis and anticancer¹⁻³. The present work intended to synthesize new series of 1,2,3-triazole-integrated quinazolinone derivatives by *via* click chemistry. The synthesis method is very humble and novel which results products in high yields. The formation of all the products was confirmed by means of MS- and NMR spectral studies.



Scheme: Synthesis of 1,2,3-triazole-integrated quinazolinone derivatives.

References

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