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Efficient Synthesis of 1,2,3 - Triazole Based Benzothiazinones.

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Abstract: *Present studies demonstrated the development of new 1,2,3 triazolylbenzothiazinone derivatives possessing in vitro antibacterial and antifungal properties. To understand the binding affinity of cytochrome P450 lanosterol 14α demethylase, a pretended molecular docking analysis is performed with synthetic benzothiacinone derivatives. This results showed the binding of antibodies and the corresponding scores of synthesized drugs. In vitro and silico studies revealed promising results that these compounds can meet the necessary criteria for the advancement of novel anti-inflammatory pharmaceuticals.*

Keywords: Molecular docking, Benzothiazinone, antifungal, ADME

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