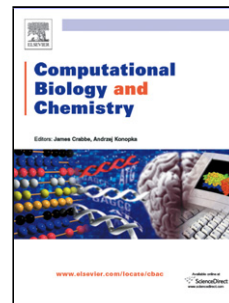


Accepted Manuscript

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PII: S1476-9271(18)30430-4
DOI: <https://doi.org/10.1016/j.compbiolchem.2018.07.020>
Reference: CBAC 6901

To appear in: *Computational Biology and Chemistry*

Received date: 14-6-2018
Revised date: 28-7-2018
Accepted date: 31-7-2018

Please cite this article as: Patel VM, Patel NB, Chan-Bacab MJ, Rivera G, Synthesis, biological evaluation and molecular dynamics studies of 1,2,4-triazole clubbed Mannich bases, *Computational Biology and Chemistry* (2018), <https://doi.org/10.1016/j.compbiolchem.2018.07.020>

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Synthesis, biological evaluation and molecular dynamics studies of 1,2,4-triazole clubbed Mannich bases

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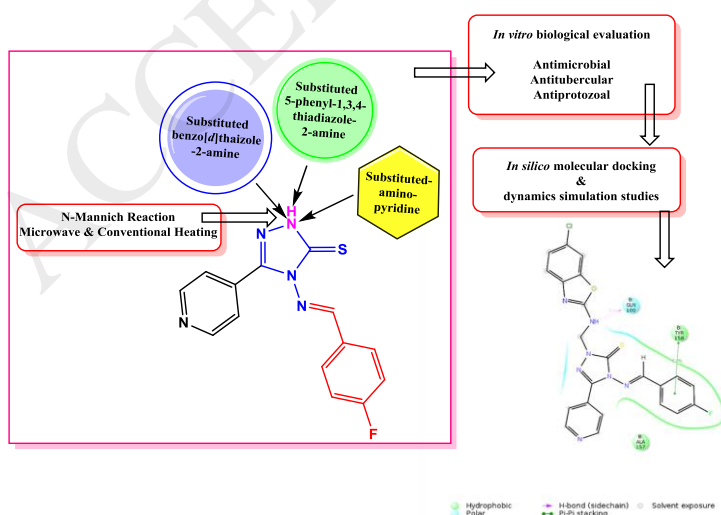
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Graphical Abstract:

A series of newer analogous of triazole were synthesized by introduction of N-Mannich reaction using conventional as well as microwave synthetic route and assessed for their antimicrobial, antituberculosis and antiprotozoal activity. The computational studies revealed for that Mannich derivative showed a high affinity toward the active site of enzyme which provides a strong platform for new structure-based design efforts.



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