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## Synthesis, Characterization & Biological evaluation of sulfonamide analogue of Tetrazolo[1,5-a]pyrimidines

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### ABSTRACT

*A novel series of (4-(4-fluorobenzyl)-7-(4-methoxyphenyl)-5-Methyl-4,7-dihydro-tetrazolo[1,5-a]pyrimidin-6-yl)(4-(Aryl/heteroaryl sulfonyl)piperazin-1-yl)methanones have been synthesized for evaluation of their antimicrobial activity. The structure of this novel compounds have been delineated by using IR, <sup>1</sup>H NMR, Mass spectrometric technique. All the synthesized compounds were screened for their in vitro antimicrobial activity.*

**Keywords:** Dihydropyrimidine, tetrazolo[1,5-a]pyrimidine.

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