



**Synthesis and Antimicrobial Evaluation of A Novel Series  
of Some S- Triazine Moiety**

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Accepted on 24<sup>th</sup> August 2014

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**ABSTRACT**

*Some new substituted 1,3,5 triazine with cyclohexyl amine and substituted thiourea N-(3,4,5-trimethoxy-benzylidino)-4-amino benzoyl hydrazone were synthesized and evaluated for their in vitro antimicrobial activity against Gram positive and Gram negative strains using a micro dilution procedure. Synthesized compounds NKSD 36 to 47 prove to be effective with MIC (mg ml<sup>-1</sup>), among them NKSD 36,43,46,47 showed excellent activity against a panel of microorganisms. The newly synthesized compounds were characterized using IR,<sup>1</sup>H-NMR.*

**Keywords:** N-(3,4,5-trimethoxy-benzylidino)-4-amino benzoyl hydrazone, cyclohexyl amine  
Substituted thiourea, Cyanuric chloride and Antimicrobial activity.

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