

# Oral Presentation

## Heterocyclic Schiff Bases and their Antiglycation Application

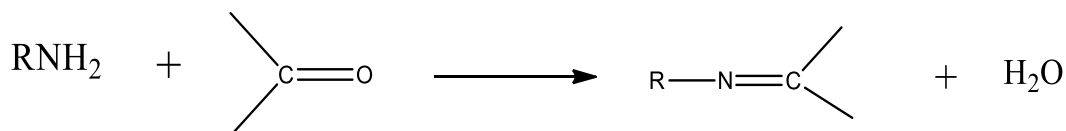
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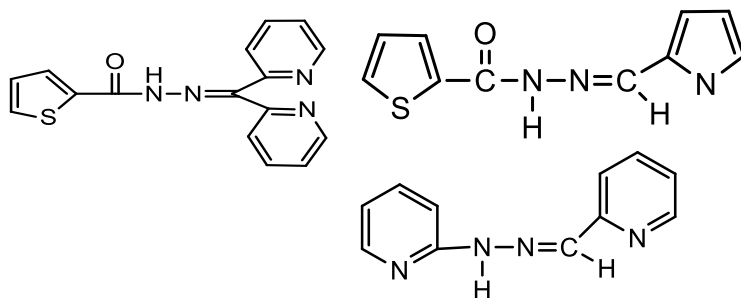
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### Abstract

Schiff bases are the condensation products of ketones or aldehydes with primary amines. They contain  $\text{-HC=N-}$  azomethine group which were first synthesized by H. Schiff [1].



The extensive applications of Schiff bases including the biological activities are as antibacterial, antifungal, antioxidant, anti-inflammatory and antitumor agents [2]. They have been used as organic intermediates for production of chemicals used in pharmaceuticals [3], Heterocyclic Schiff bases have been proved to be an important class of organic ligands utilized in coordination chemistry due to their facile synthesis and easy tunable steric and electronic properties [4]. Recently, it has been found that heterocyclic Schiff bases possess protein antiglycation potential in hyperglycemia [5].



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## References

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