

Biological Utility of Schiff's Bases with Special Reference to Mixed Ligand Complexes: A Review

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Abstract: *Nowadays, the research field dealing with coordination chemistry including Schiff bases as ligands has expanded enormously. The biological importance of Schiff base complexes has shown antimicrobial, anticancer, antidiabetic, antioxidant and antimalarial activities. This review article highlights the most important research related to the mixed ligand complexes of the Schiff's bases and Schiff base ligands and heterocyclic nitrogen base for the past some years where these Schiff's bases has been used as chelating agents and gives the stability to the complexes with transition metal ions where these were synthesized and evaluated for biological utilities.*

Keywords: Schiff bases.