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A review on biological activities of Schiff base ligand and their metal complexes

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Abstract : Schiff bases and their metal complexes are wide range of biological applications and are synthesized from the condensation reaction of amino compounds with carbonyl compounds. Schiff base and their metal complexes have a wide variety of applications in food and dye industry, agrochemical, polymer, catalysis, analytical chemistry, antifertility, anti-inflammatory activity, antiradical activity, and biological system as enzymatic agents. Several have reviewed them of their antimicrobial, antibacterial, antifungal, antitumor, and cytotoxic activities. This review summarized the most promising biological activities of Schiff bases and their metal complexes.

Keywords : Schiff bases, metal complexes, biological activity.

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