

# Pharmacological Importance of Some Transition Metal Complexes of Schiff Bases Derived From Substituted Anilines: A Review

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**Abstract:** Schiff bases are condensation products of primary amines with carbonyl compounds. They are an important class of ligands that coordinate via azomethine nitrogen to metal ions and have been studied extensively. Transition metals ions are the trace elements present in the biological system. Schiff bases and their transition metal complexes are widely used for industrial purposes and they also exhibit a broad range of pharmacological activities including antifungal, antibacterial, antimalarial, antiproliferative, anti-inflammatory, antiviral, antifertility, herbicidal and antipyretic and many more. Present review deals with the pharmacological importance of some of the transition metal complexes of Schiff bases derived from substituted anilines.

**Keywords:** Metal complexes, Schiff base, Transition metals, azomethine coordination chemistry, antifungal, antibacterial

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