

Schiff bases have important role in the development of [coordination & medicine] chemistry as they readily form new complexes with metals [8]. These compounds are played in the field of bioinorganic chemistry and various aspects of organometallic compounds[9]. They are formed by condensation of a primary amine (RNH_2) and carbonyl compound. The ($-\text{HC}=\text{N}-$) group is particularly suited for binding to metal ions via the N atom lone pair ($-\text{N}:$) and when contain one or more donor atoms in addition to ($-\text{C}=\text{N}-$) group they act as [polydentate ligands or macrocycles]. Schiff base and its complexes containing .(azomethine group ($-\text{HC}=\text{N}-$) as shown in scheme(1- 1