Nucleophilic Aromatic Substitution of 2-(3(5)-Pyrazolyl)pyridine: A Novel Access to Multidentate Chelate Ligands

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1-(Nitrophenyl) functionalized 2-(3-pyrazolyl)pyridines were obtained by a nucleophilic aromatic substitution and could be reduced to the corresponding aminophenyl substituted derivatives. These compounds can be used to co-ordinate transition metal sites or for the generation of building blocks for supramolecular chemistry. The solid state structure of a 1,1'-functionalized ferrocene, which was obtained following this route, is discussed in detail.

Key words: Chelate Ligands, Ferrocene, Nucleophilic Aromatic Substitution