

Abstract:

There were 14 compounds prepared, including 7 Schiff bases and 7 substituted benzoxazoles. The compounds were characterised by ^1H NMR, ^{13}C NMR, IR, TLC and by melting point. All the new compounds aren't described in Reaxys or in Chemical Abstracts, so they can be considered as original compounds. The reaction was done in two steps. First, the Schiff base was made by the condensation of proper aminophenol and benzaldehyde and in second step, the Schiff base was cyclized by lead (IV) acetate.