GENERAL REMARKS

1 Melting points were determined by open capillary method and uncorrected. All melting point temperatures are in centigrade scale.

2 TLC analyses were carried on ready made GF-254 TLC plate (Make-Merck).

3 The IR spectra were recorded on, FT-IR/4100 SHIMADZU spectrophotometer, and adsorptions are expressed in cm$^{-1}$.

4 $^1$H NMR spectra were recorded on Bruker Advance II at 300 MHz in DMSO-$d_6$ or CDCl$_3$ solvent using TMS as an internal standard (Chemical shifts in $\delta$ ppm).

5 The mass spectra were recorded on automated Micromass LCMS-MS mass spectrometer.

6 Calcination was done in high temperature muffle furnace (SONAR).