GENERAL EXPERIMENTAL REMARKS

1. IR spectra were recorded on Perkin - ELMER System 1640 FT - IR spectrophotometer in KBr pellets.

2. $^1$H NMR. (100 MHz) and $^{13}$C NMR (400 MHz) were recorded on VARIAN - NMR in CDCl$_3$.

3. Melting point was determined by Buchi B-545 and were uncorrected.

4. All solvents were distilled at their boiling points before use.

5. Compounds purity were monitored by ascending TLC on glass backed plates coated with silica gel, silica gel G for TLC and CC was used from CDH (New Delhi), plate activated at 110°C for 1h. Bands of the chromatograms were visualised by exposing the plates to iodine vapour, spraying with 15% sulphuric acid and heating or under UV light.

6. Optical rotation was determined by Polarimeter.