

General Information

- ^1H and ^{13}C NMR spectra were recorded on Bruker 300 MHz or Varian 400 MHz or Varian 500 MHz in CDCl_3 with TMS as internal standard. Chemical shifts were expressed as δ values in parts per million (ppm) and coupling constants (J) in Hertz (Hz).
- HRMS spectra were recorded on Agilent-ESI QTOF or JEOL mass spectrometers.
- IR spectra were recorded on Nicolet 740 or Nicolet Nexus 670 spectrophotometer using KBr pellets and values are given in cm^{-1} .
- Melting points were determined on Buchi or Stuart SMP3 digital melting point apparatus and are uncorrected.
- All reactions were monitored by pre-coated silica gel 60 F₂₅₄ glass TLC plates (Merck) with UV irradiation at 254 nm and exposure to iodine vapours for visualization.
- Column chromatography was carried on Acme (India) silica gel (60-120 or 100-200 mesh).
- Solvents were distilled before use. Solvent evaporation was carried out under reduced pressure on Buchi R-3 rotavapor below 45 °C. Reagents were procured from commercial sources (Sigma-Aldrich, Alfa Aesar) and used without further purification.
- The names of all the compounds given in experimental section were taken from Chem Bio Draw, version 12.0.