GENERAL REMARKS

- Unless otherwise stated, all the chemicals and reagents were obtained commercially.
- Required Dry solvents and reagents were prepared using the standard procedures.
- Dry reactions were performed under argon/nitrogen atmosphere.
- All the reactions were monitored by thin layer chromatography (TLC) on precoated silica gel plates (Kieselgel 60F254, Merck) with UV, I₂ or Ninhydrin solution, anisaldehyde solution as the developing reagents in the concerned cases.
- Column chromatographic purifications were done with 100-200 Mesh Silica gel or with Flash silica gel (230-400) mesh in special cases.
- Distilled solvents were used as eluents in the column chromatography.
- All evaporations were carried out under reduced pressure on Buchi rotary evaporator below 50 °C, unless otherwise stated.
- Melting points were determined on a Buchi Melting Point B-540 and are uncorrected.
- Optical rotations were measured on JASCO-800 polarimeter.
- IR spectra were recorded in nujol or CHCl₃ using Shimadzu FTIR-8400 spectrophotometer.
- NMR spectra were recorded on Bruker NMR spectrometers. All chemical shifts are reported in δ ppm downfield to TMS and peak multiplicities as
singlet (s), doublet (d), quartet (q), broad (br), broad singlet (bs) and multiplet (m).

- Elemental analyses were performed on a Elmentar-Vario- EL (Heraeus Company Ltd., Germany).
- Electron Scattered Ionization (ESI) Mass Spectrometric measurements were done with API QSTAR Pulsar mass Spectrometer.
- MALDI-TOF/TOF mass spectrometric measurements were done on ABSCIEX TOF/TOF™ 5800 mass spectrometer.
- Single crystal X-ray data were collected on a Bruker SMART APEX CCD Area diffractometer with graphite monochromatized (Mo K$_\alpha$ = 0.71073Å) radiation at room temperature. All the data were corrected for Lorentzian, polarization and absorption effects using Bruker's SAINT and SADABS programs. SHELX-97 was used for structure solution and full matrix least squares refinement on $F^2$. Hydrogen atoms were included in the refinement as per the riding model.