

## GENERAL REMARKS

1. Tables are indicated by continuous numbers. In chapter 2 and 3, the structures are indicated in charts bearing number I,II .... etc.
2. The spectra concerning each chapter (1 to 3) are given just before the Experimental part.
- 3 a. The PMR spectra were recorded in DMSO with TMS as an internal reference; on Perkin Elmer R.32 (90 MHz) and (200 MHz), Varian XL-100, Varian T-60 or Jeol FX-90 spectrometers.  
b. The chemical shifts ( $\delta$  values) are expressed in ppm.
4. The IR spectra were recorded in nujol, as a KBr pellet or as a liquid film, on Perkin Elmer - 783 or Shimadzm-470 spectrometers.
5. The melting points (m.p.) and boiling points (b.p.) are uncorrected.
6. The Abbreviations used in the thesis are as given below

HMDS	- Hexamethyldisilazane.
TMCS	- Trimethylchlorosilane.
MDC	- Dichloromethane.
THF	- Tetrahydrofurang. <span style="float: right;">E/</span>
HMDO	- Hexamethyldisiloxane.
HMCTS	- Hexamethylcyclotrisilazane.
7-ADCA	- 7-aminodesacetoxycephalosporinic acid <span style="float: right;">A/</span>

- DMF - N, N-Dimethylformamide.
- Ⓟ - Polymer.
- CS<sub>2</sub> - Carbondisulphide.
- MIC - Minimum Inhibitory Concentration.