

Figure 2.1. I.R. spectrum of praziquantel I.

Figure 2.2 I.R. spectrum of N-(1,2,3,4-tetrahydro-1-isoquinolyl methyl)-N-cyclohexyl carbonyl glycine II

Figure 2.3. I.R. spectrum of Benzyl –N-(1,2,3,4-tetrahydro-2 benzyl-1-isoquinolylmethy)-N-cyclohexyl carbonyl glycinate III.

Figure 2.4. I.R. spectrum of N- (1,2,3,4 – tetrahydro –2 benzyl –1- isoquinolyl methyl) – N – cyclohexyl carbonyl glycine IV.

Figure 2.5. I.R. spectrum of N-(1,2,3,4 – tetrahydro –2 benzoyl –1- isoquinolyl methyl) – N – cyclohexyl carbonyl glycine V.

Figure 2.6. I.R. spectrum of Methyl – N- (1,2,3,4 – tetrahydro –2 benzoyl –1- isoquinolyl methyl) – N – cyclohexyl carbonyl glycinate VI.

Figure 2.7. I.R. spectrum of Ethyl –N- (1,2,3,4- tetrahydro –2- benzene sulphonamide –1- isoquinolyl methyl) –N- cyclohexyl carbonyl glycinate XI.

Figure 2.8. I.R. spectrum of N- (1,2,3,4- tetrahydro -2- (p.toluene sulphonamide -1- isoquinolyl methyl) -N- cyclohexyl carbonyl glycine XIII.

Figure 2.9. I.R. spectrum of Methyl –N- (1,2,3,4- tetrahydro –2- (p.toluene sulphonamide –1- isoquinolyl methyl) –
N- cyclohexyl carbonyl glycinate XIV.

Figure 2.10. I.R. spectrum of Ethyl -N- (1,2,3,4- tetrahydro -2-(p.bromo benzene sulphonamide -1- isoquinolyl methyl) -N- cyclohexyl carbonyl glycinate XIX.

Figure 2.11. I.R. spectrum of Propyl -N- (1,2,3,4- tetrahydro -2-(p.bromo benzene sulphonamide -1- isoquinolyl methyl) -N- cyclohexyl carbonyl glycinate XX.

Figure 2.12. ^1H NMR. Spectrum of praziquantel I.

Figure 2.13. ^1H NMR. Spectrum of N- (1,2,3,4- tetrahydro-1-isoquinolyl methyl)-N-cyclohexyl carbonyl glycine II.

Figure 2.14. ^1H NMR. Spectrum of Benzyl –N- (1,2,3,4- tetrahydro –2 benzyl –1-isoquinolylmethy) –N-cyclohexyl carbonyl glycinate III.

Figure 2.15. ^1H NMR. Spectrum of N- (1,2,3,4 – tetrahydro –2 benzyl –1- isoquinolyl methyl) – N – cyclohexyl carbonyl glycine IV.

Figure 2.16. ^1H NMR. Spectrum of N- (1,2,3,4 – tetrahydro –2 benzoyl –1- isoquinolyl methyl) – N – cyclohexyl carbonyl glycine V.

Figure 2.17. ^1H NMR. Spectra of the common two double-doublets which appear in some spectra of the synthesized compounds

Figure 2.18. MS. Spectrum of praziquantel I.

Figure 2.19. MS. Spectrum of spectra of N- (1,2,3,4- tetrahydro-1-isoquinolyl methyl)-N- cyclohexyl carbonyl glycine II.

Figure 2.20. MS. spectrum of Benzyl -N- (1,2,3,4- tetrahydro -2 benzyl -1-isoquinolylmethy) -N-cyclohexyl carbonyl glycinate III.

Figure 2.21. MS. spectrum of N- (1,2,3,4 – tetrahydro –2 benzyl –1- isoquinolyl methyl) – N – cyclohexyl carbonyl glycine IV.

Figure 2.22. MS. spectrum of N- (1,2,3,4 – tetrahydro –2 benzoyl –1- isoquinolyl methyl) – N – cyclohexyl carbonyl glycine V.

Figure 2.23. MS. spectrum of Methyl – N- (1,2,3,4 – tetrahydro –2 benzoyl –1- isoquinolyl methyl) – N – cyclohexyl carbonyl glycinate VI.

Figure 2.24. MS. spectrum of N- (1,2,3,4- tetrahydro -2- benzene sulphonamide -1- isoquinolyl methyl) -N- cyclohexyl carbonyl glycine IX.

Figure 2.25. MS. spectrum of Ethyl -N- (1,2,3,4- tetrahydro -2- (*p*.toluene sulphonamide -1- isoquinolyl methyl) -
N- cyclohexyl carbonyl glycinate XV.