

CONCLUSIONS

Complete resonance assignments have been obtained for the three peptides by a single COSY experiment in each case. Such assignments using conventional decoupling experiments are considerably more time-consuming, especially as the number of amino acid residues increases in a polypeptide chain, as is the situation in III. These assignments have been obtained despite a rather limited data set, resulting in poor cross-peak intensities. The situation improves dramatically for a larger data set as well as by utilization of contour plots^{3-11, 14}.

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