

Synthesis of 2-alkyl substituted benzimidazoles under microwave irradiation: Anti-proliferative effect of some representative compounds on human histiocytic lymphoma cell U937

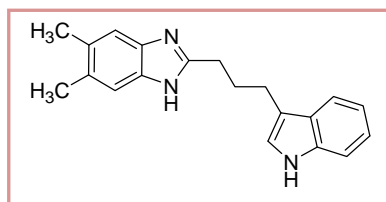
Chhanda Mukhopadhyay,^{*a} Sabari Ghosh,^a Sumita Sengupta (Bandyopadhyay)^b and Soumasree De^b

^aDepartment of Chemistry, University of Calcutta, 92 APC Road, Kolkata-700009, India; Tel: +91 9433019610; E-mail: cmukhop@yahoo.co.in

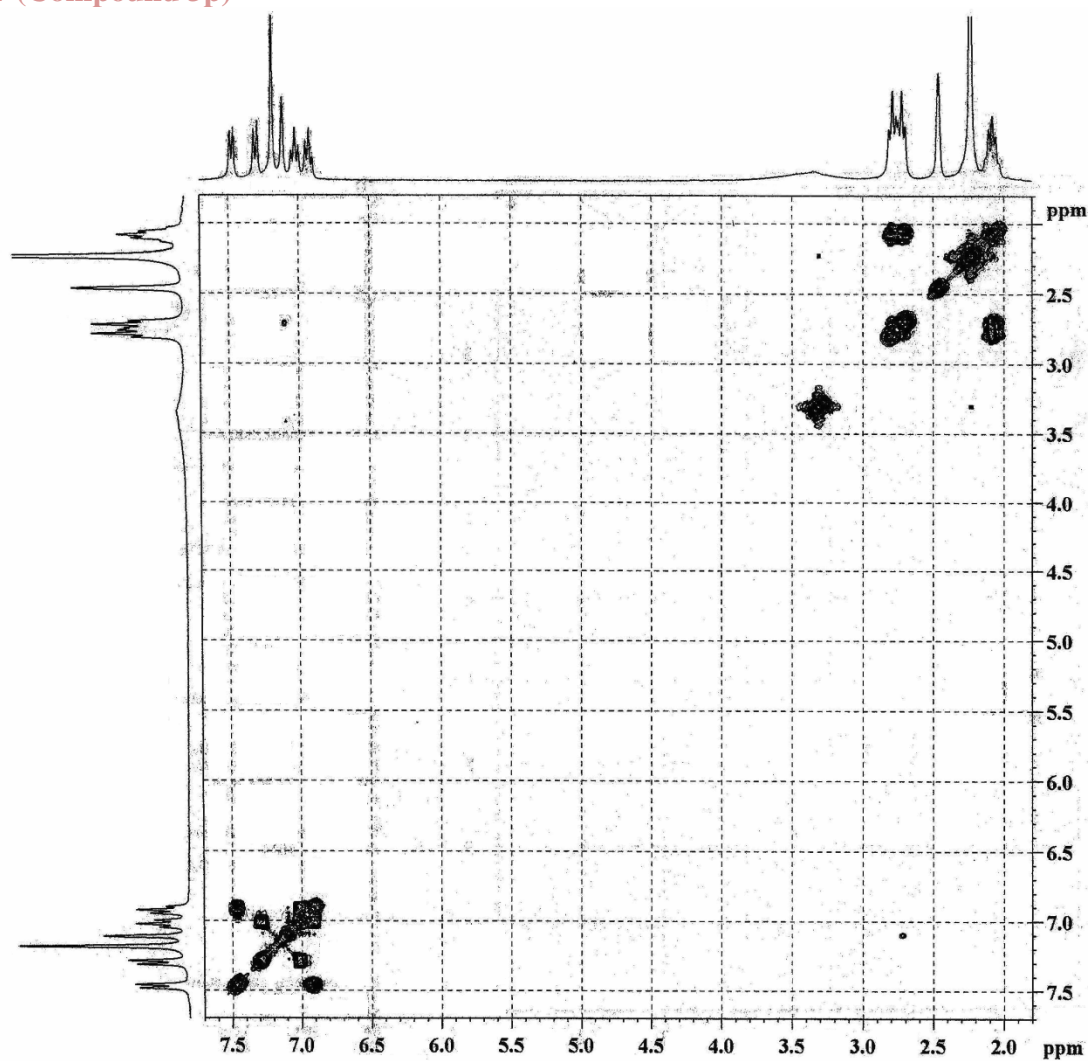
^b Department of Biophysics, Molecular Biology and Bioinformatics, University of Calcutta, 92 APC Road, Kolkata-700009, India

Supplementary Information Part 3

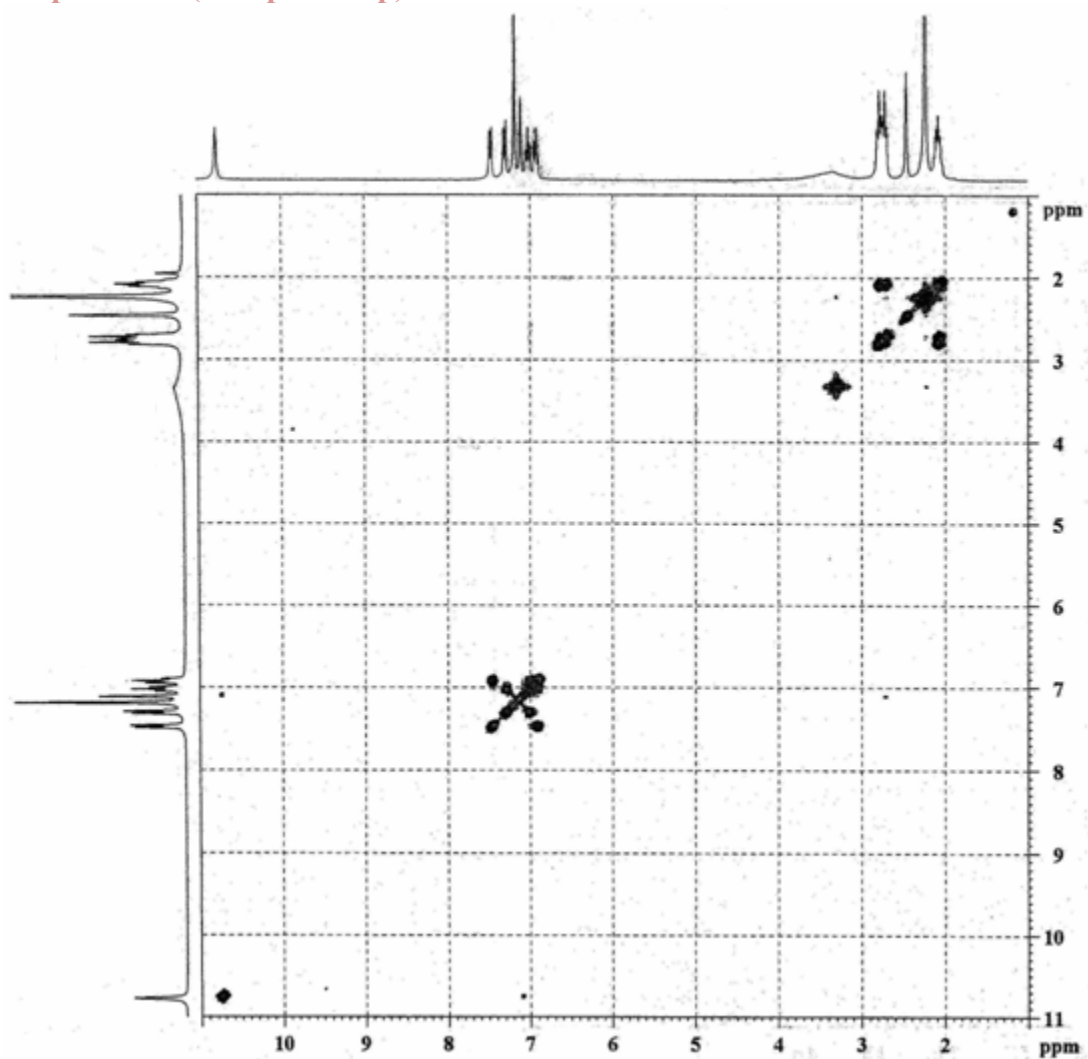
2D NMR of Compound 3p in DMSO-*d*₆



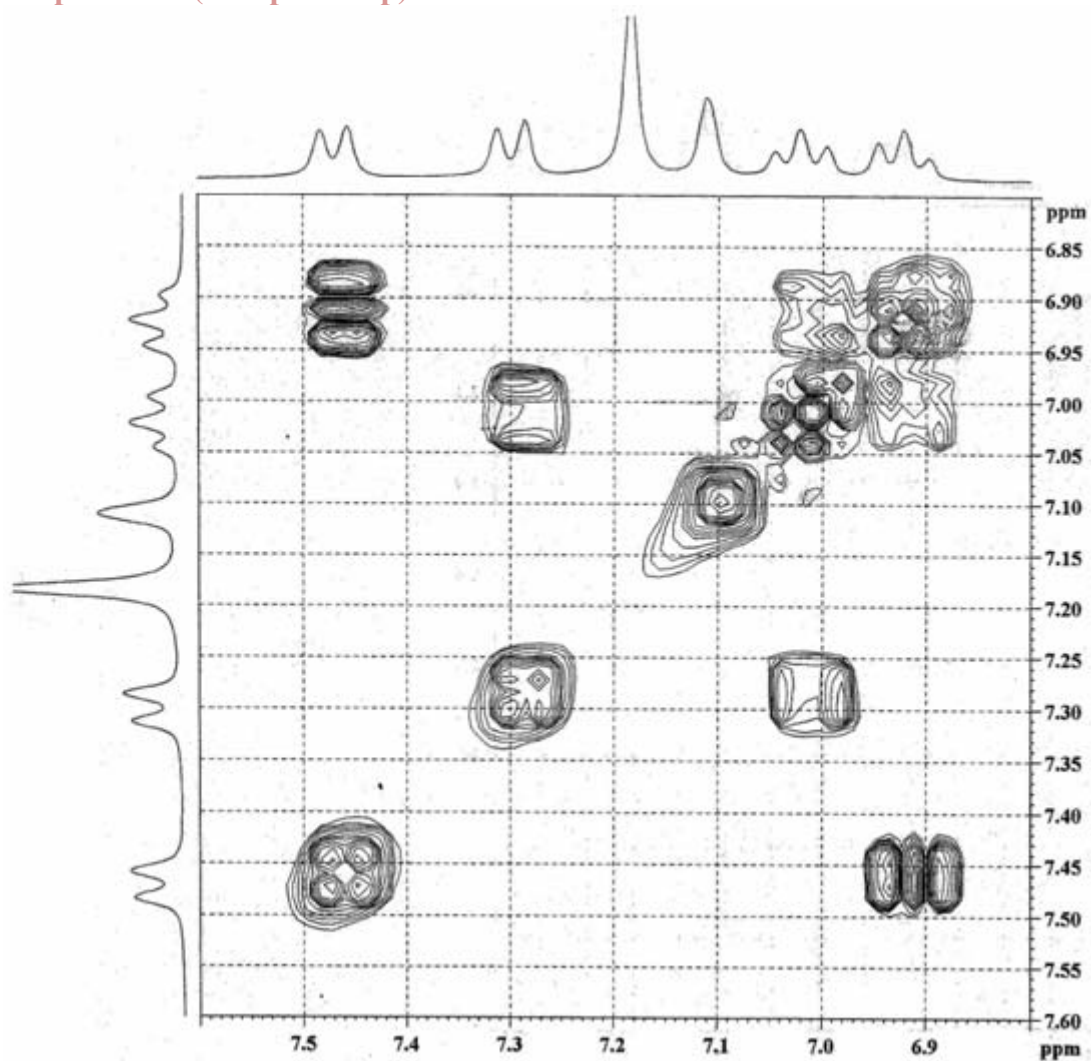
COSY (Compound 3p)



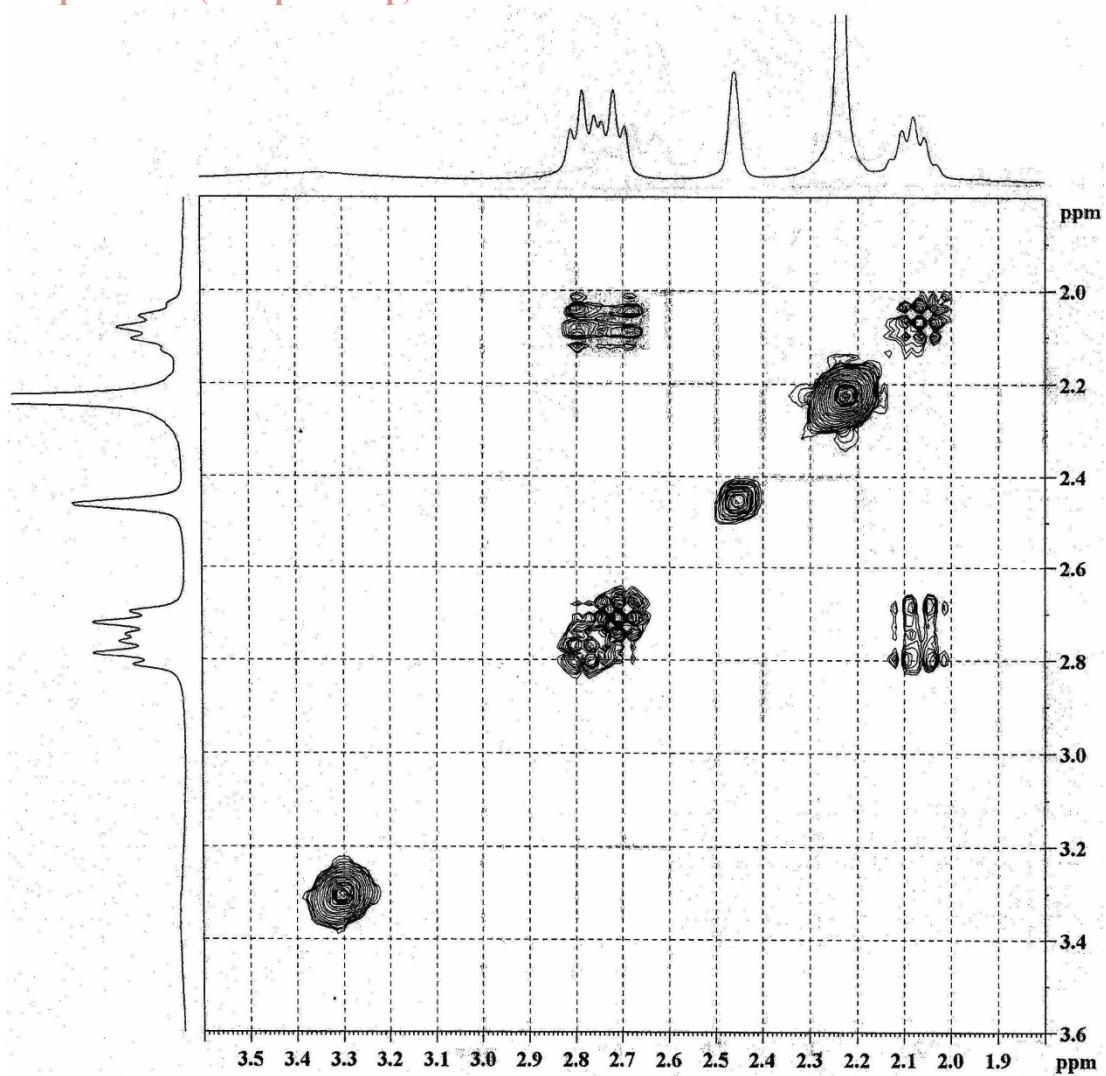
COSY expansion 1 (Compound 3p)



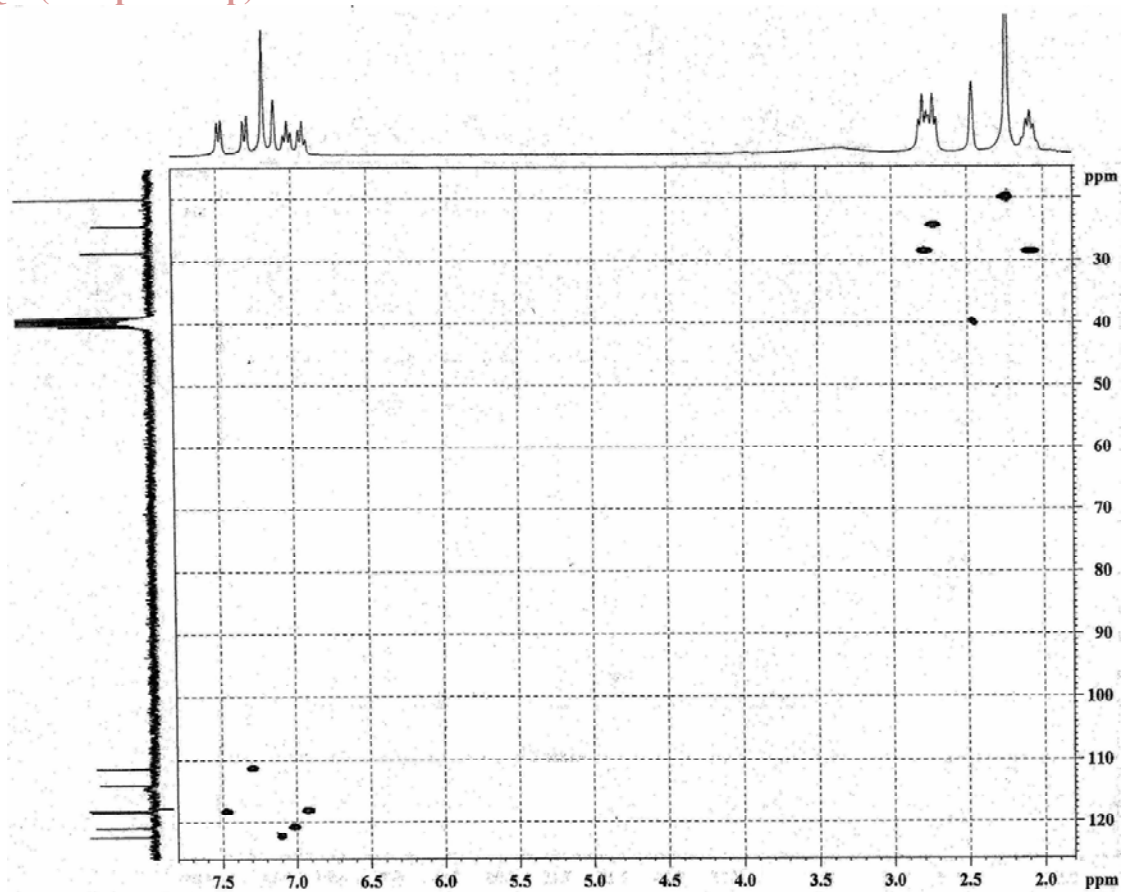
COSY expansion 2 (Compound 3p)



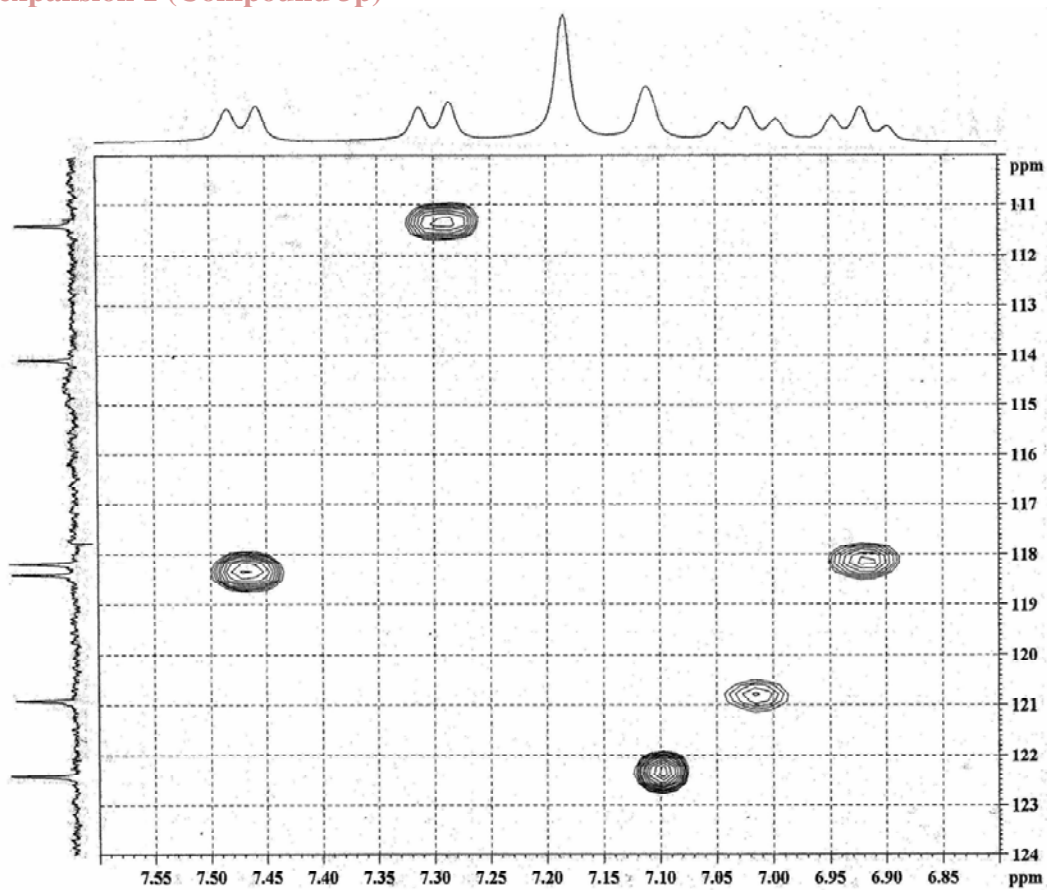
COSY expansion 3 (Compound 3p)



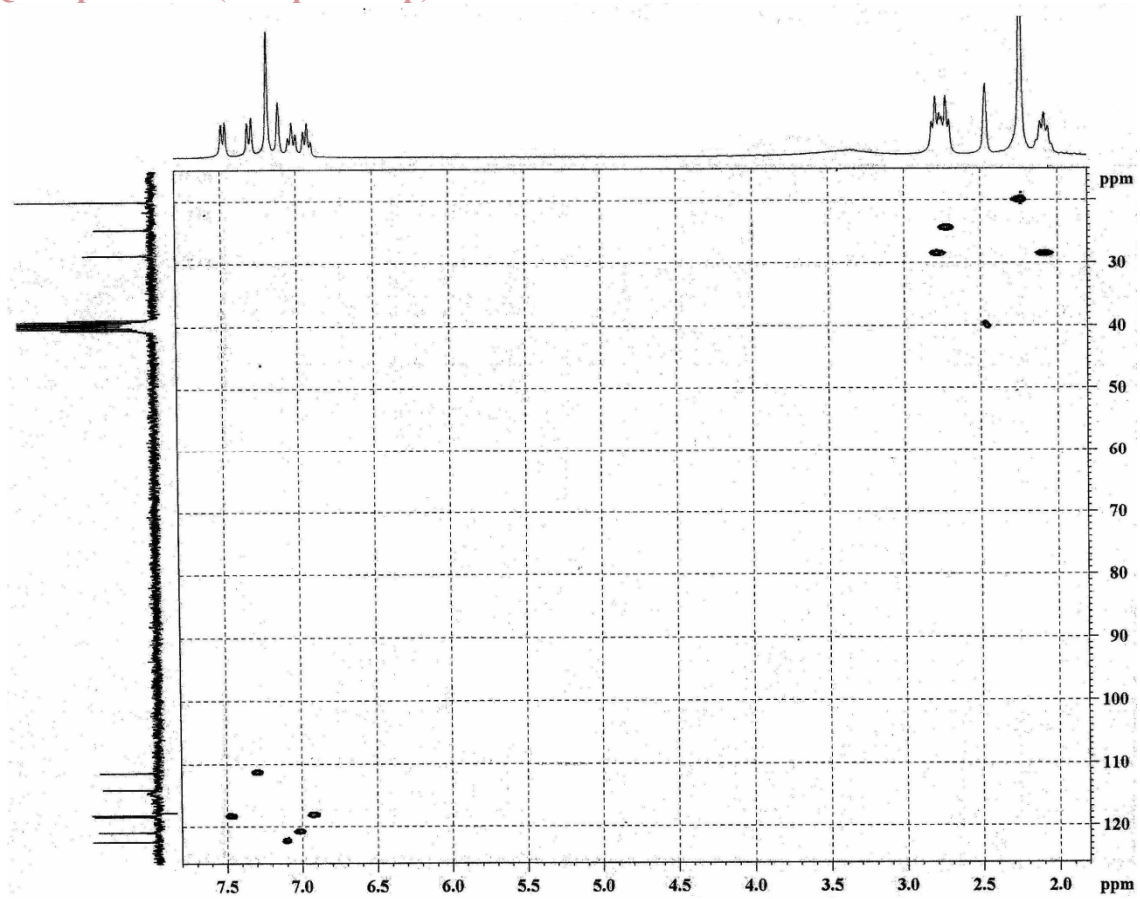
HSQC (Compound 3p)



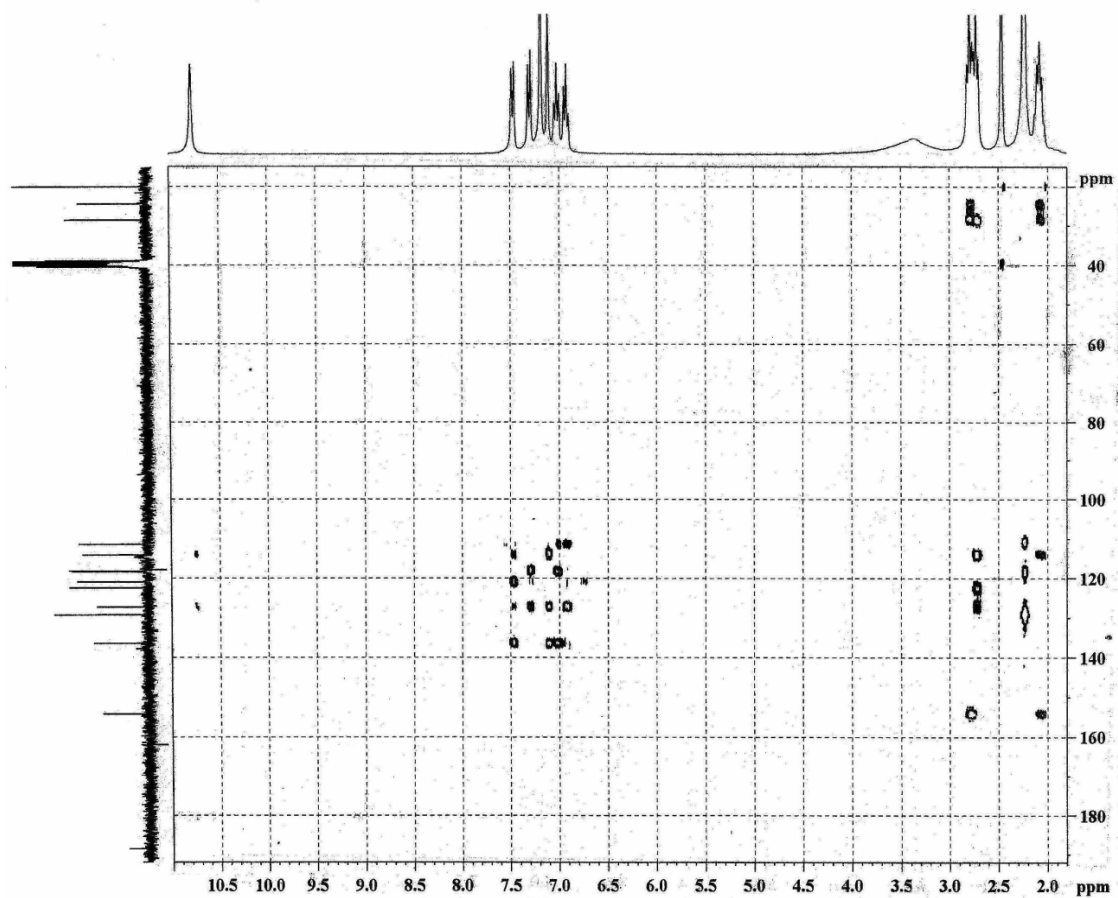
HSQC expansion 1 (Compound 3p)



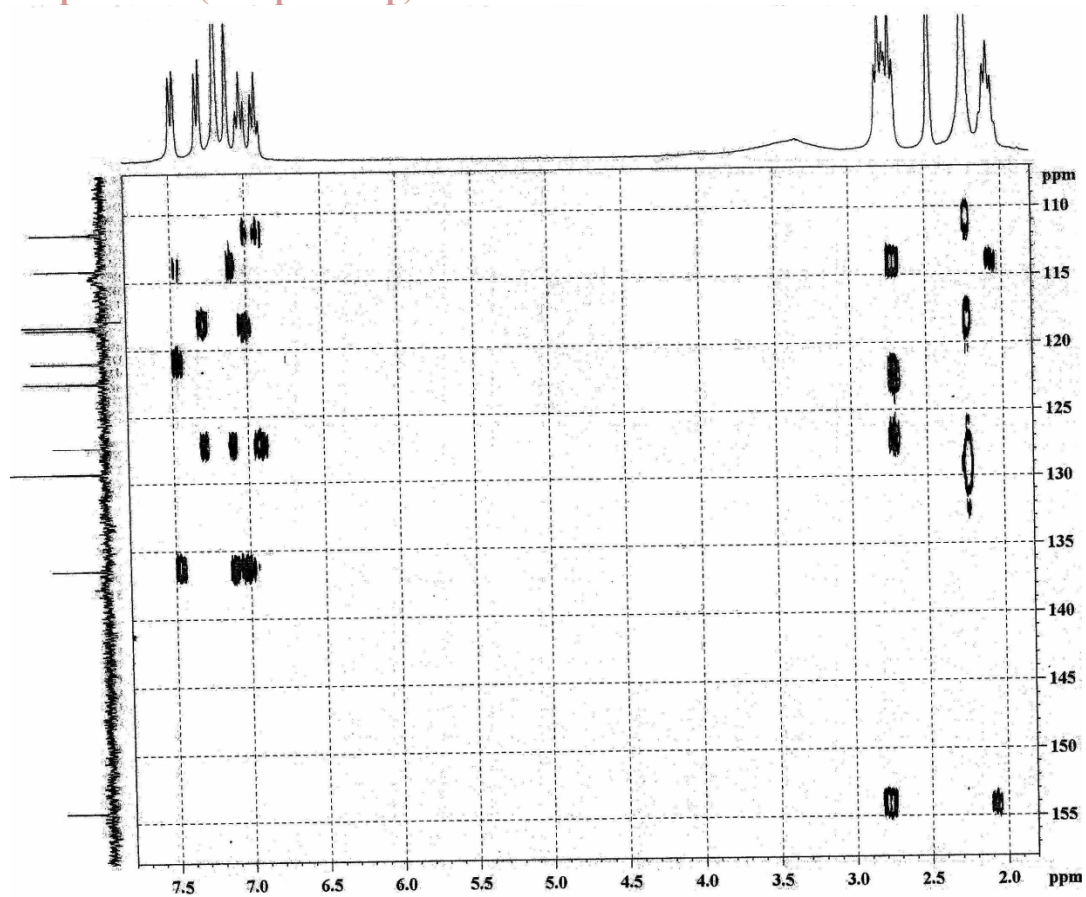
HSQC expansion 2 (Compound 3p)



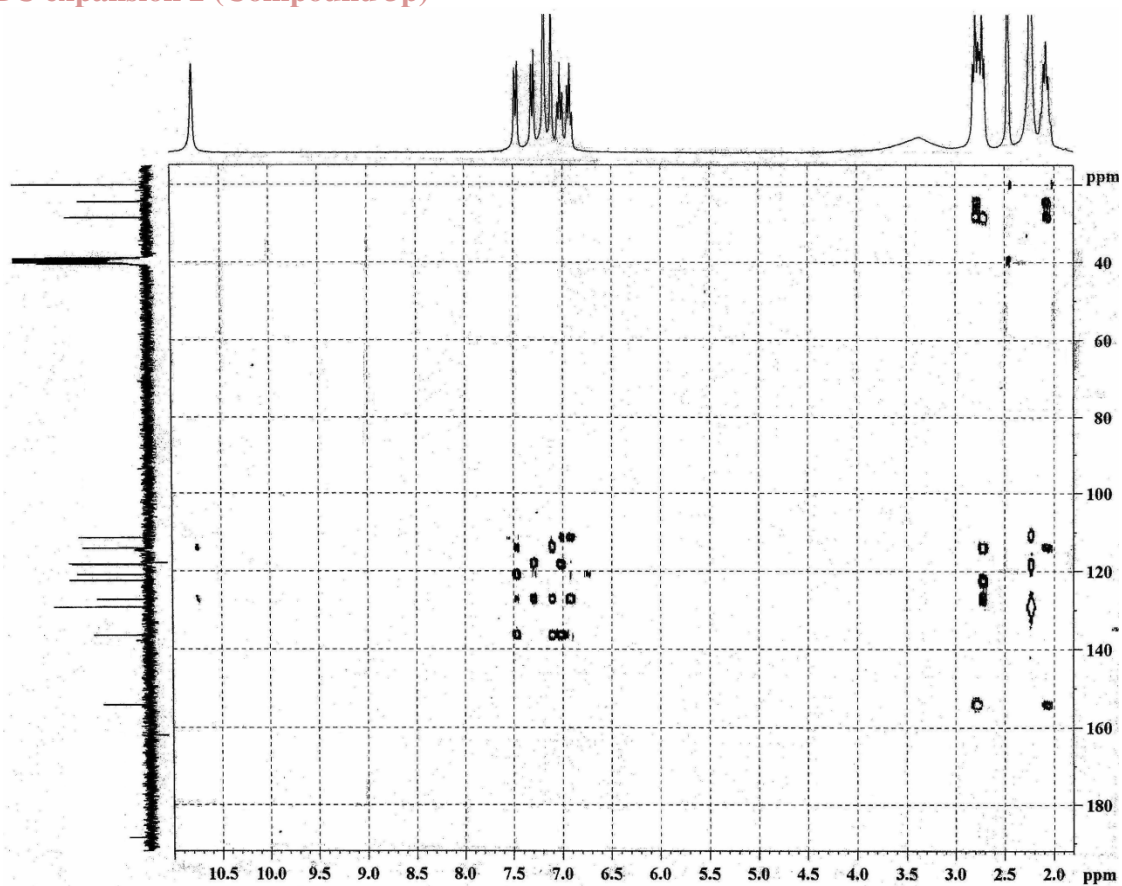
HMBC (Compound 3p)



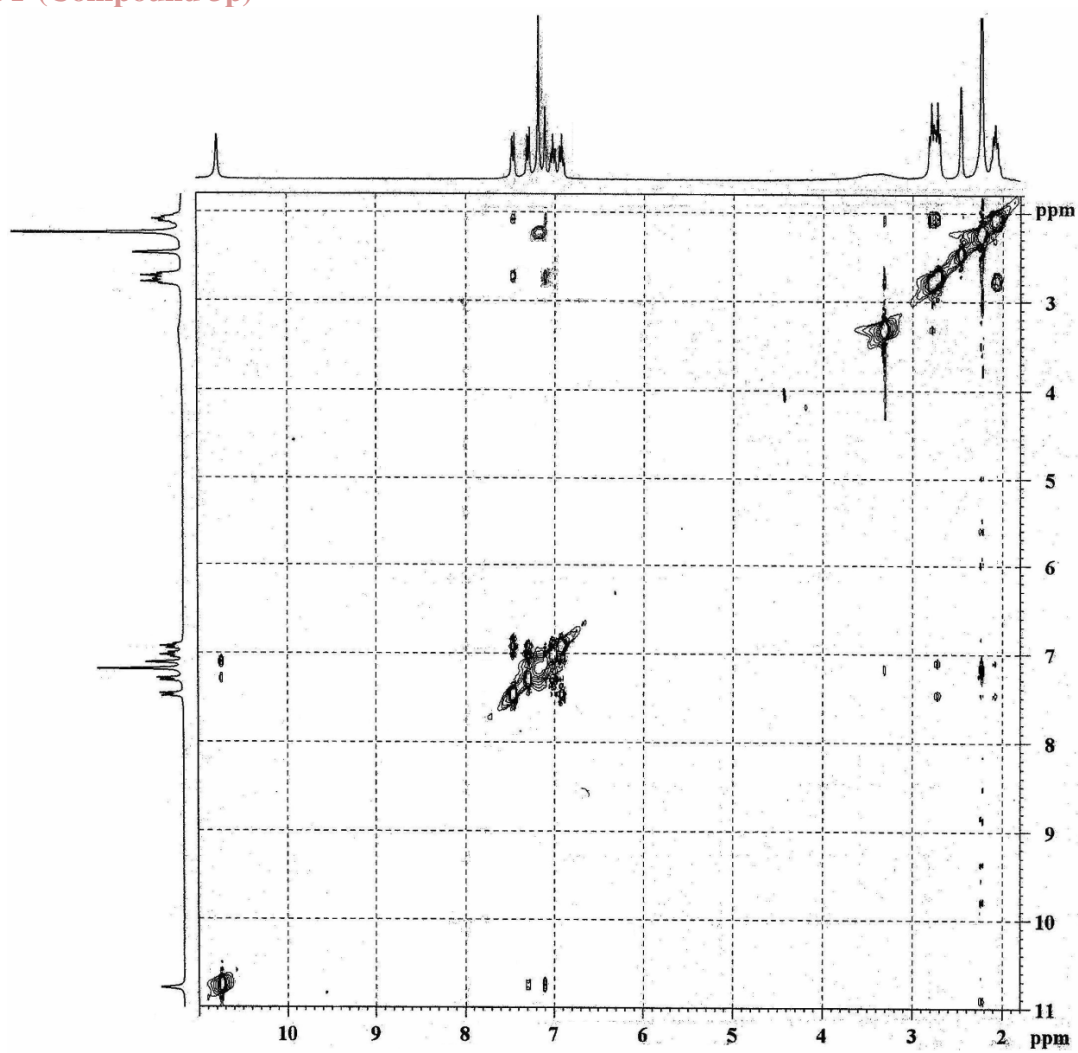
HMBC expansion 1 (Compound 3p)



HMBC expansion 2 (Compound 3p)



NOESY (Compound 3p)



NOESY expansion (Compound 3p)

