

Supporting Information

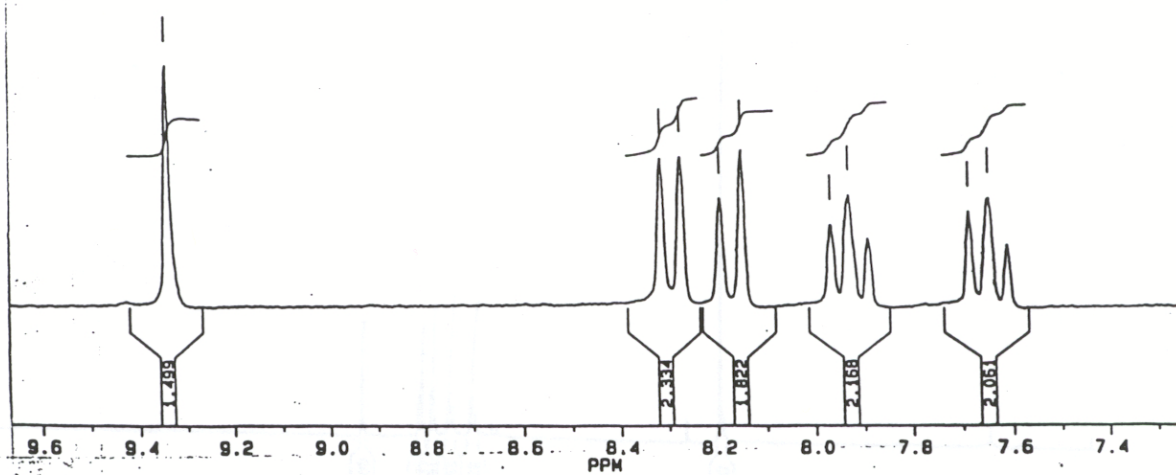
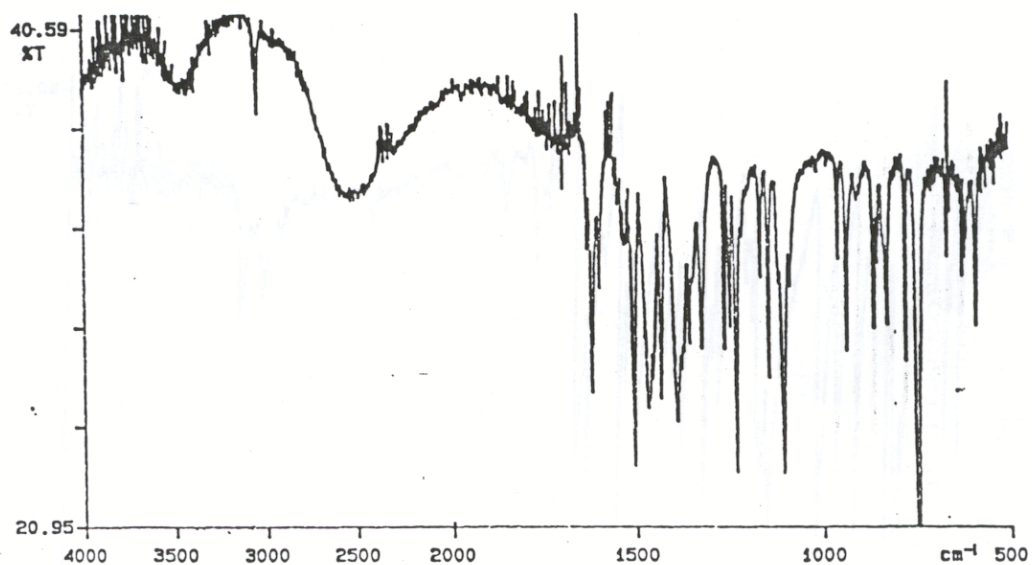
The 5,6- and 4,5-Benzo Derivatives of 1-Hydroxy-7-azabenzotriazole

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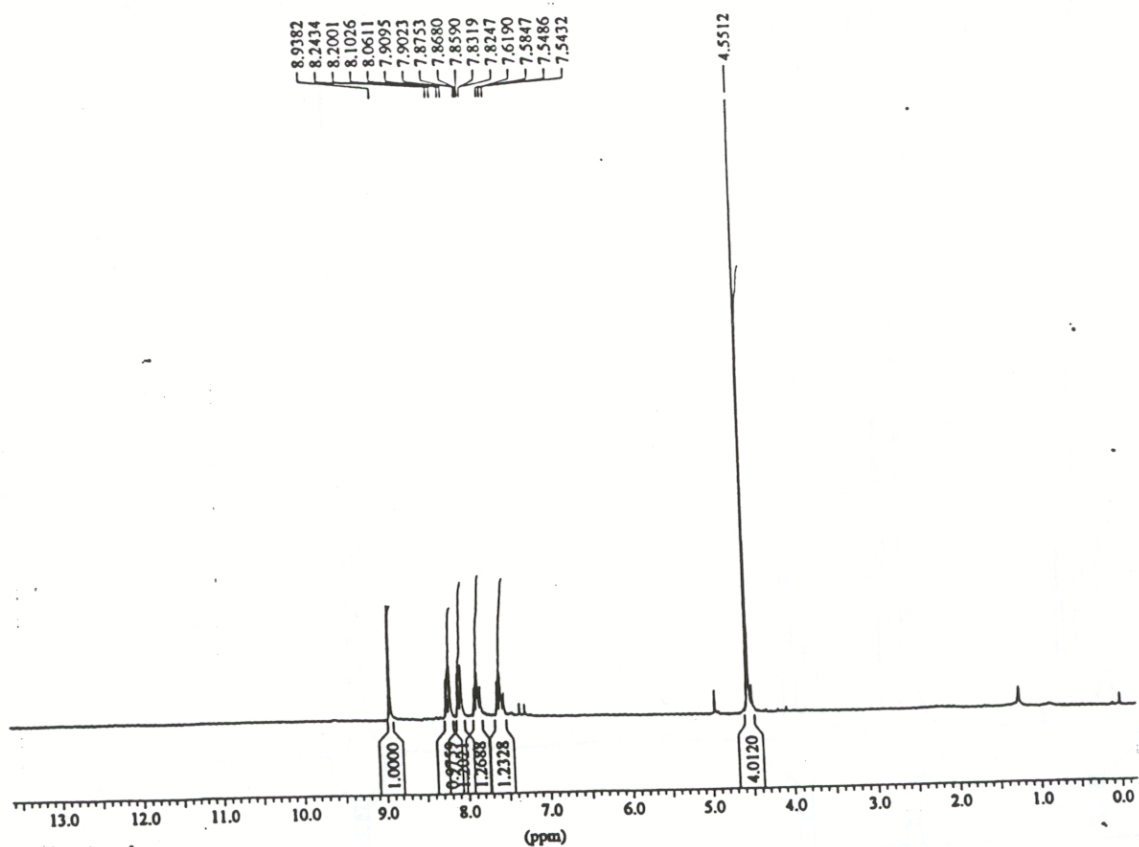
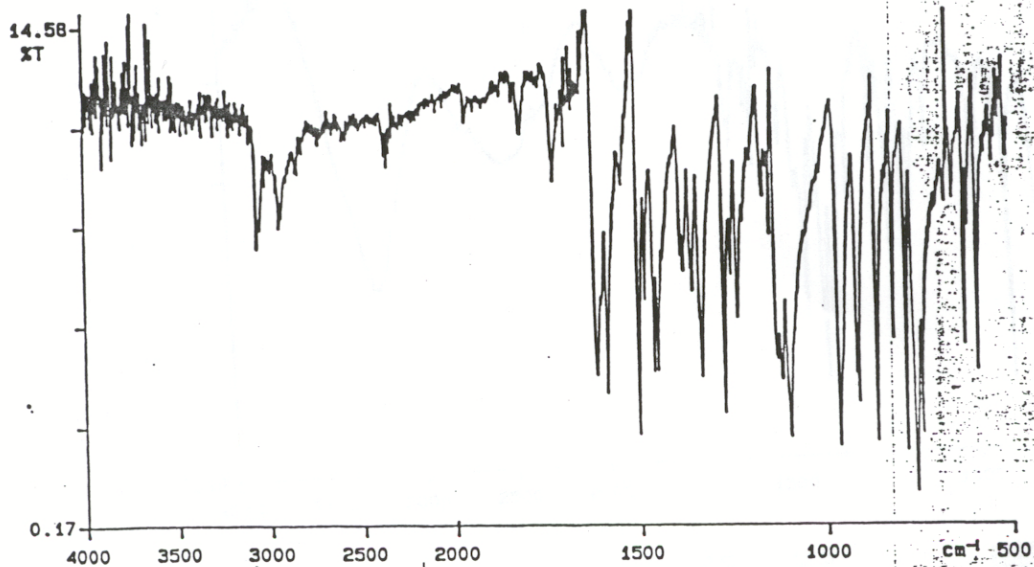
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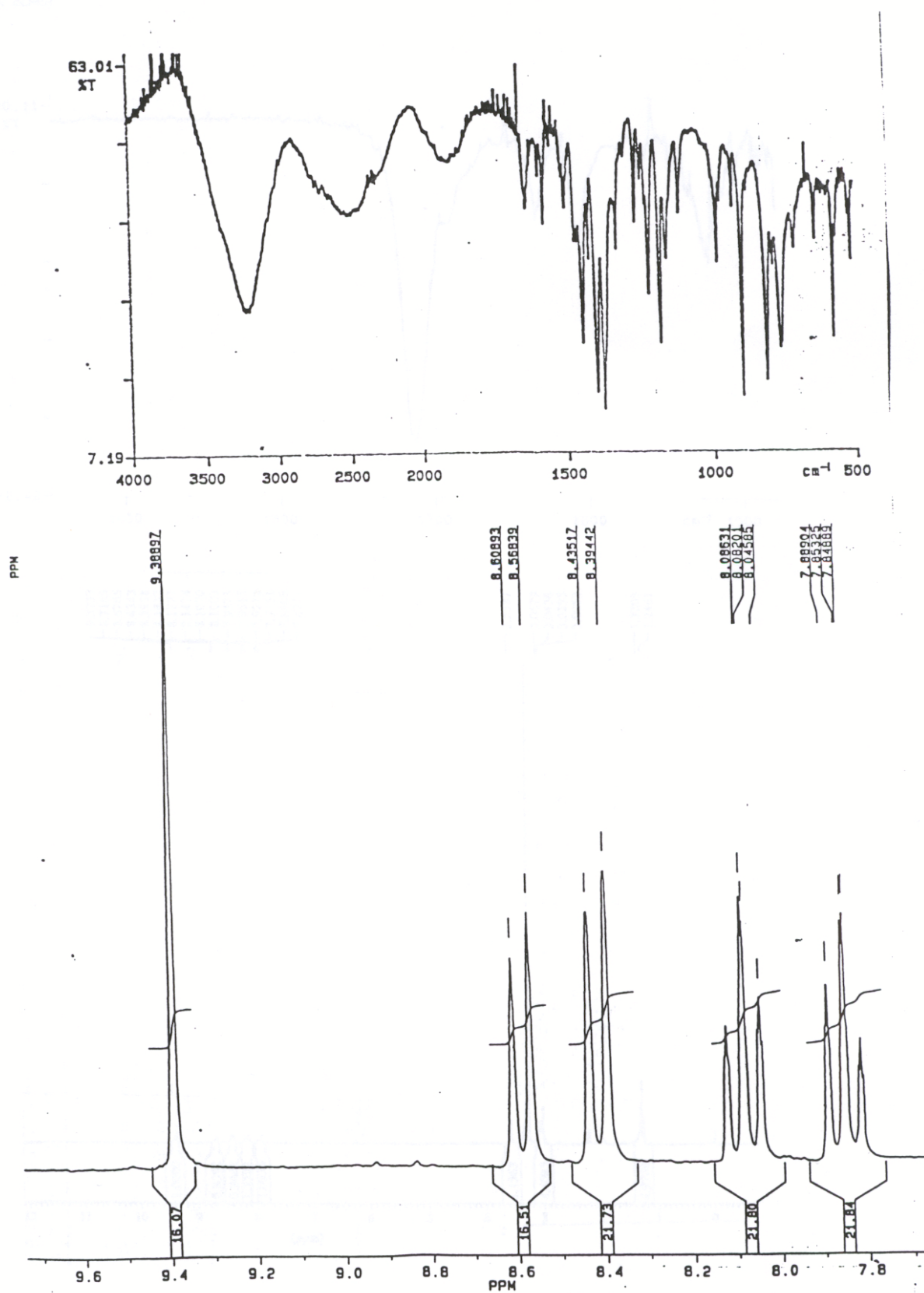
Collected here are the IR and ^1H NMR for HOANt and HANTU derivatives as well as the HPLC curves comparing the ACP 10-mers obtained under forcing conditions with 2-HANTU and HATU as coupling reagents.



IR (KBr) and NMR (DMSO- d_6) of 1-HOANT

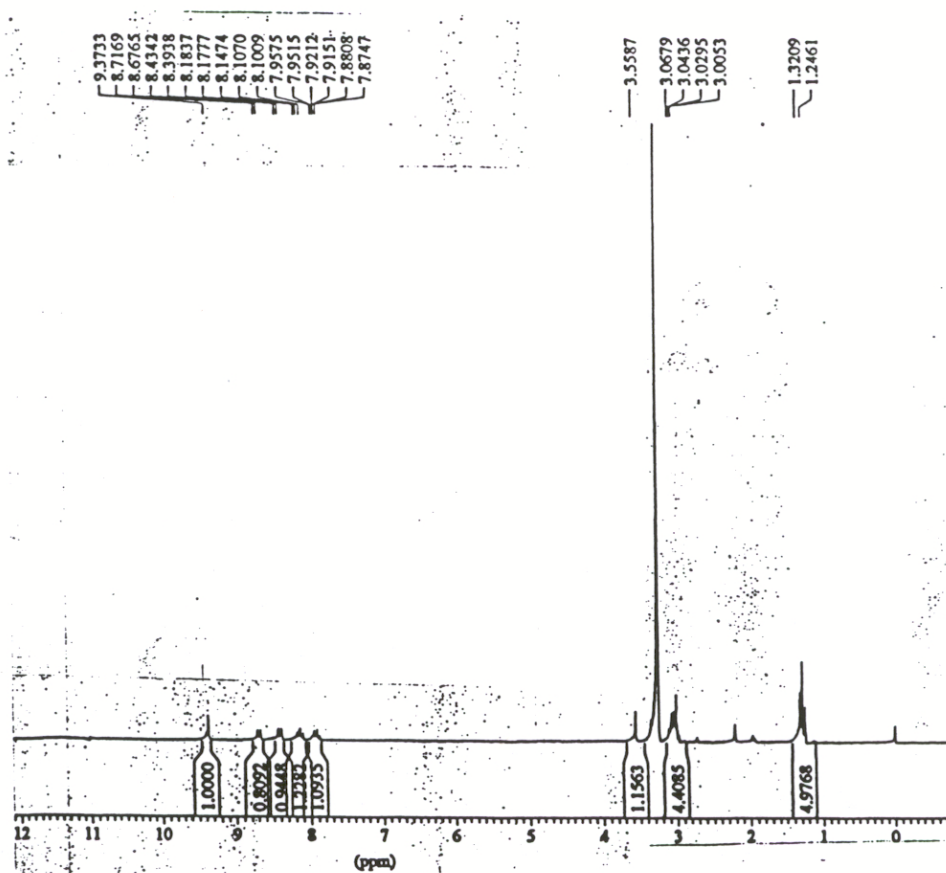
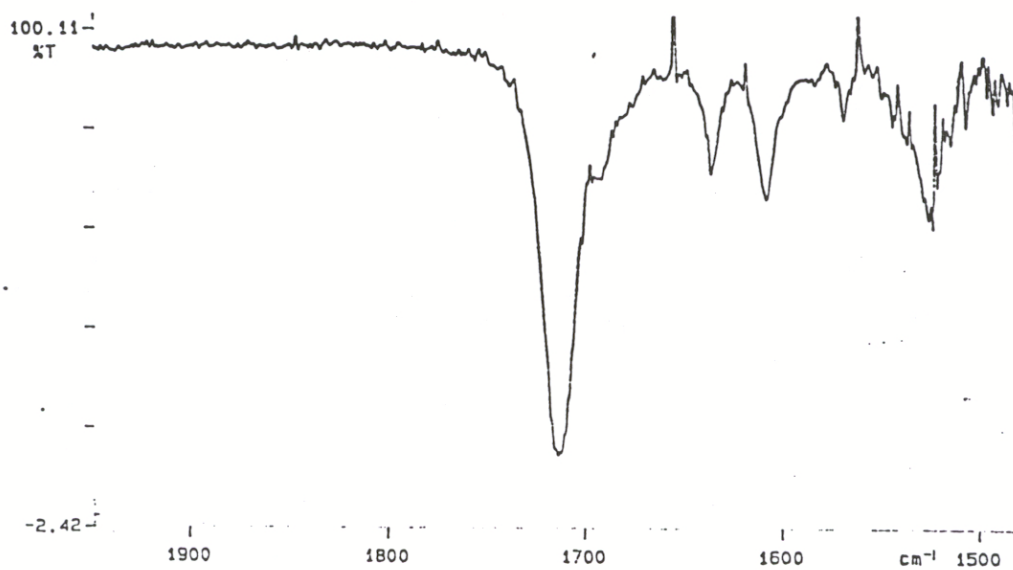


IR (KBr) and NMR (CDCl₃) of 1-HOANT O-methyl ether

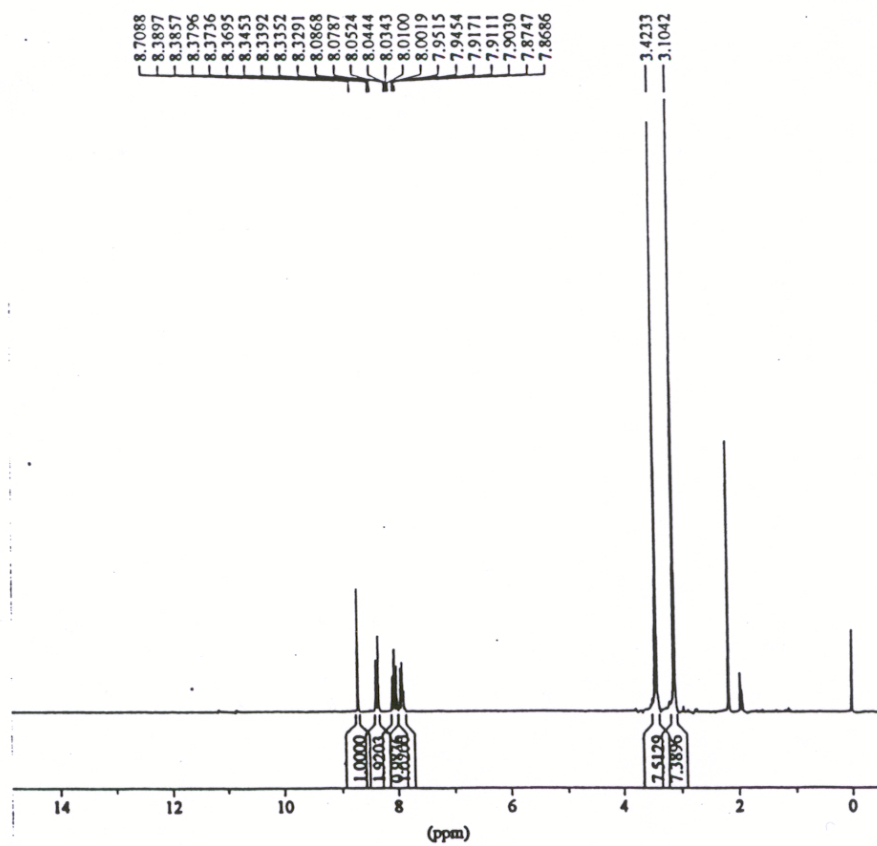
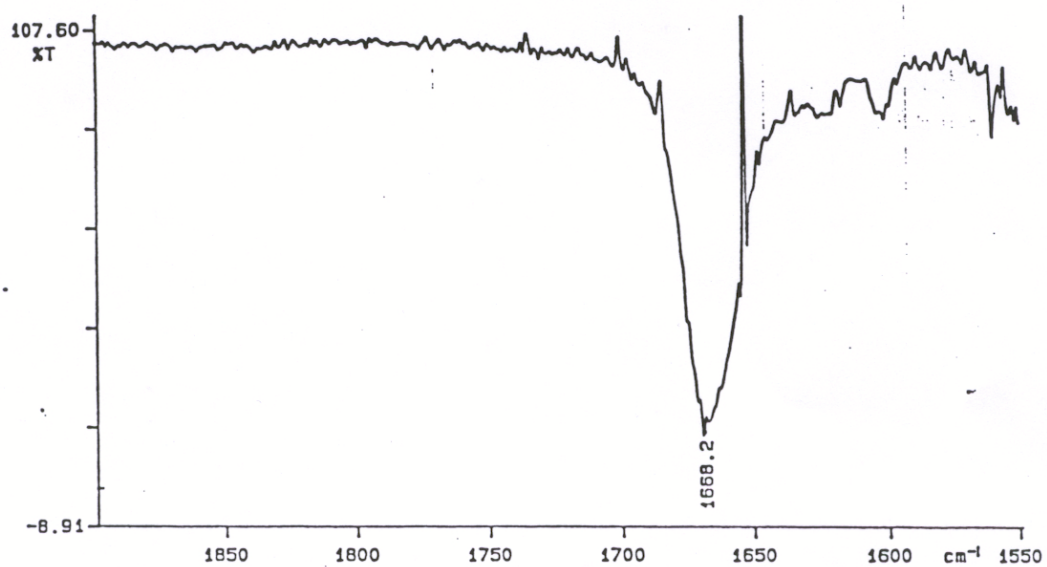


IR (KBr) and NMR (DMSO- d_6) of 2-HOANT

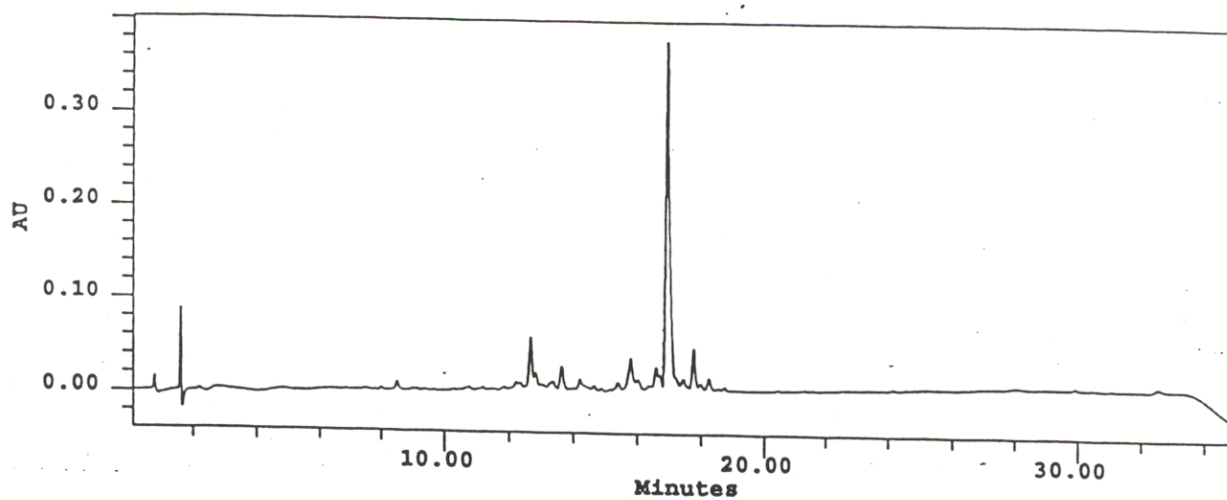
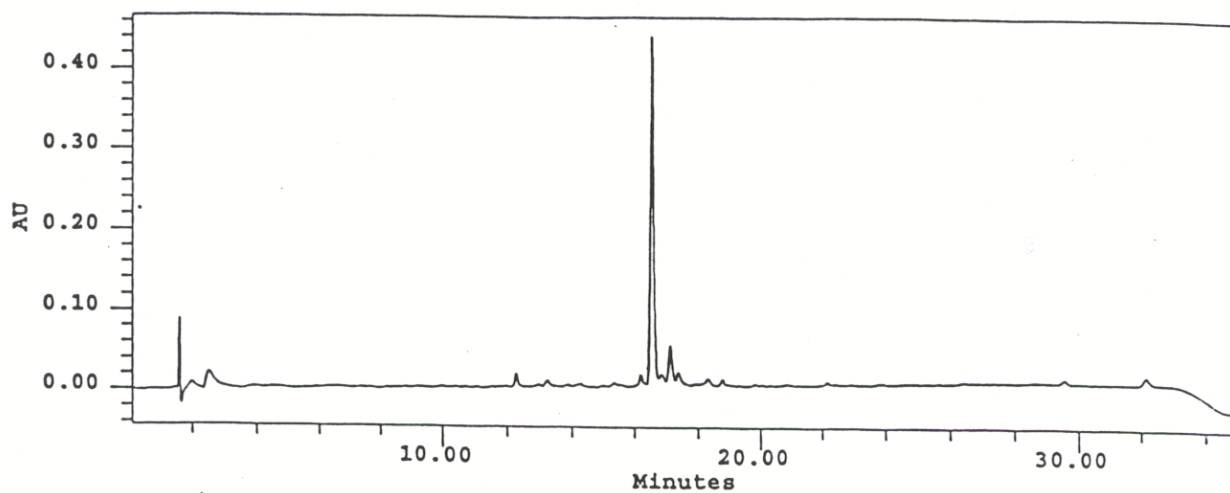
PERKIN ELMER



IR (CH₃CN) and NMR (CD₃CN) of 2-HANTU



IR (CH₃CN) and NMR (CD₃CN) of 1-HANTU



Comparison of HPLC traces of ACP assembled in DMF via 2-HANTU 199 and HATU. Both syntheses were carried out under conditions of 1.5 equiv. of AA and coupling reagent, no preactivation and 1.5 min. coupling time in the presence of DIEA.