Electronic Supplementary Material (ESI) for CrystEngComm.
This journal is © The Royal Society of Chemistry 2016

ELECTRONIC SUPPLEMENTARY INFORMATION

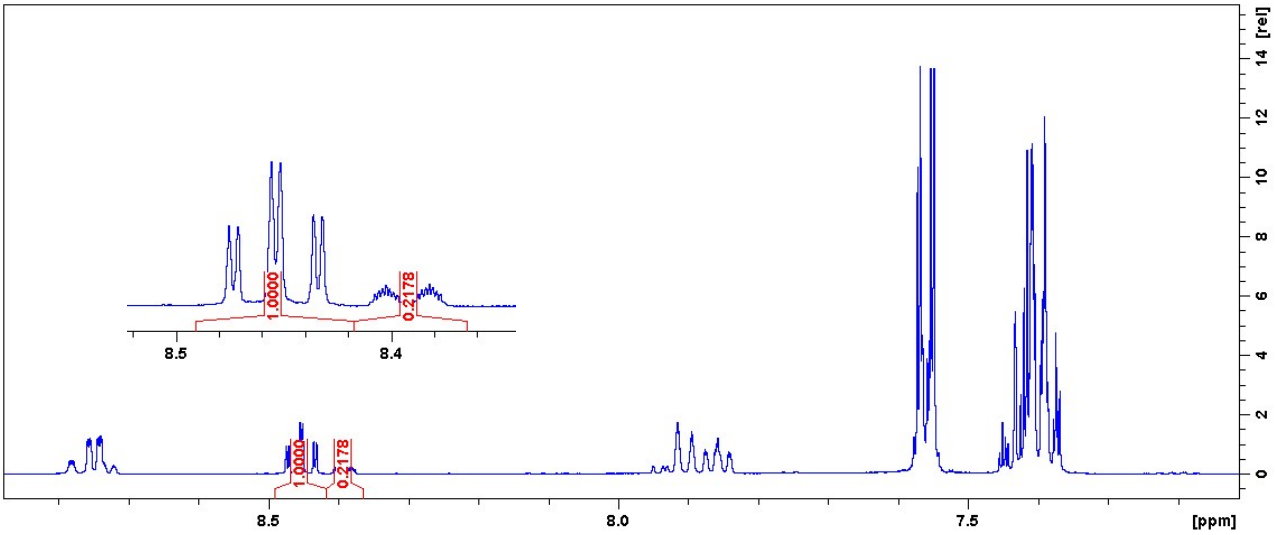
Synergism in Host-Guest Selectivity of Picolinium Chlorides by Triphenylsilanol and Triphenylmethanol

Eustina Batisai, Hong Su and Luigi R. Nassimbeni*

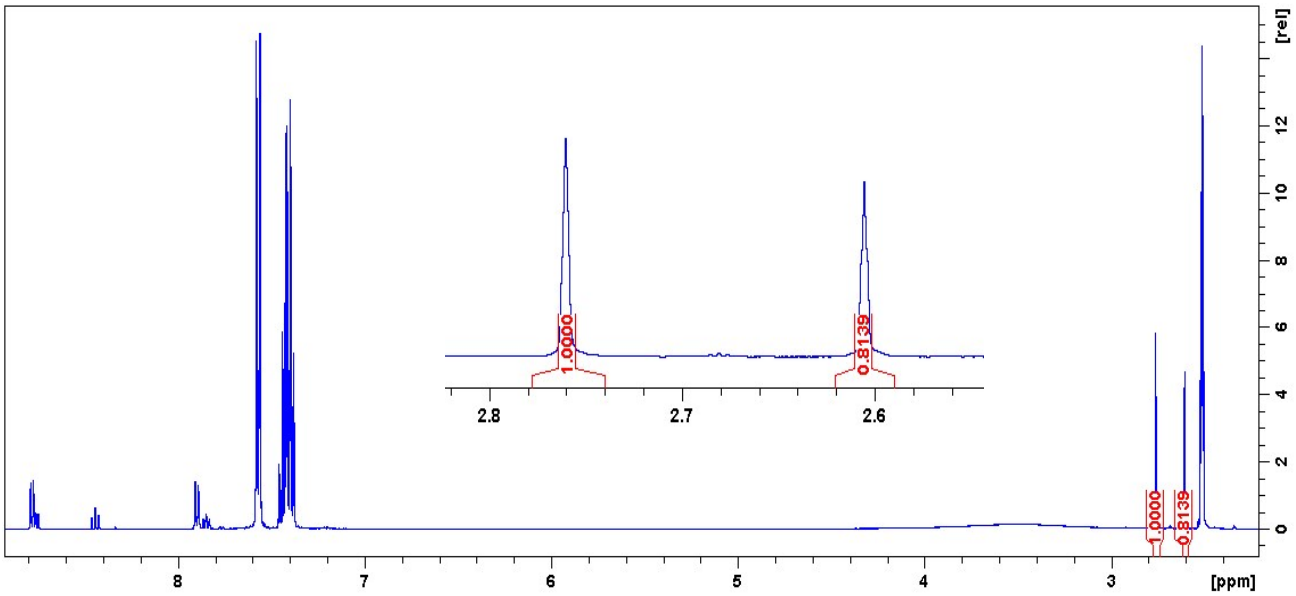
**Department of Chemistry, University of Cape Town, Rondebosch 7701, South Africa. E-mail: Luigi.Nassimbeni@uct.ac.za; Fax: +27 (21) 650 5419; Tel: +27 (21) 650 5893*

NMR spectra

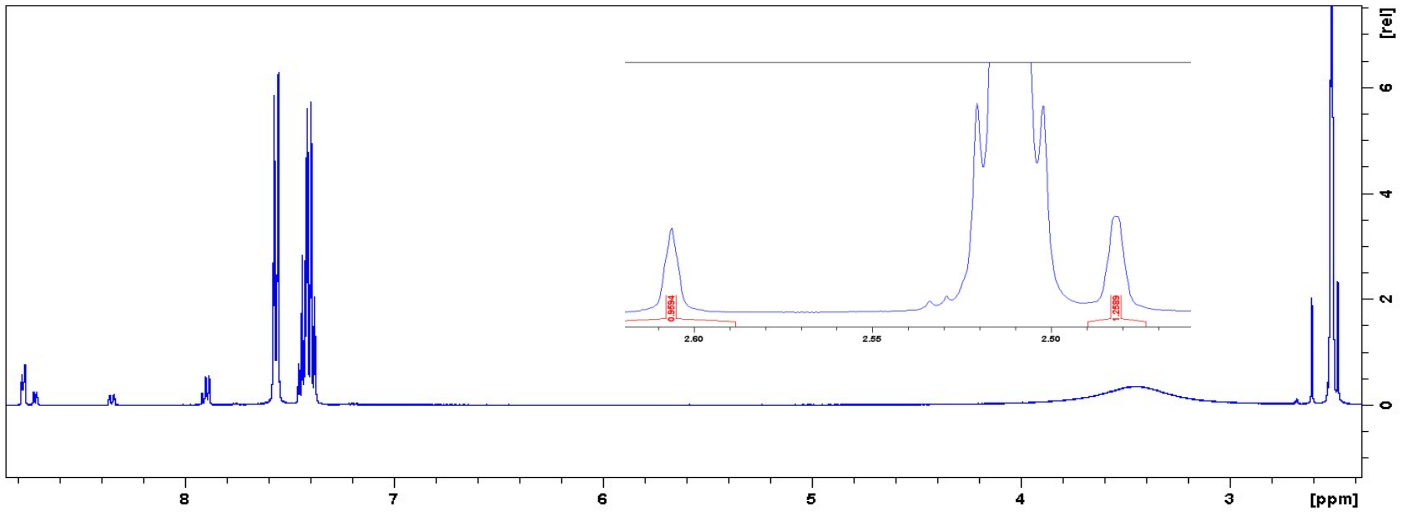
1. TPS·2/3PIC (structure 1)



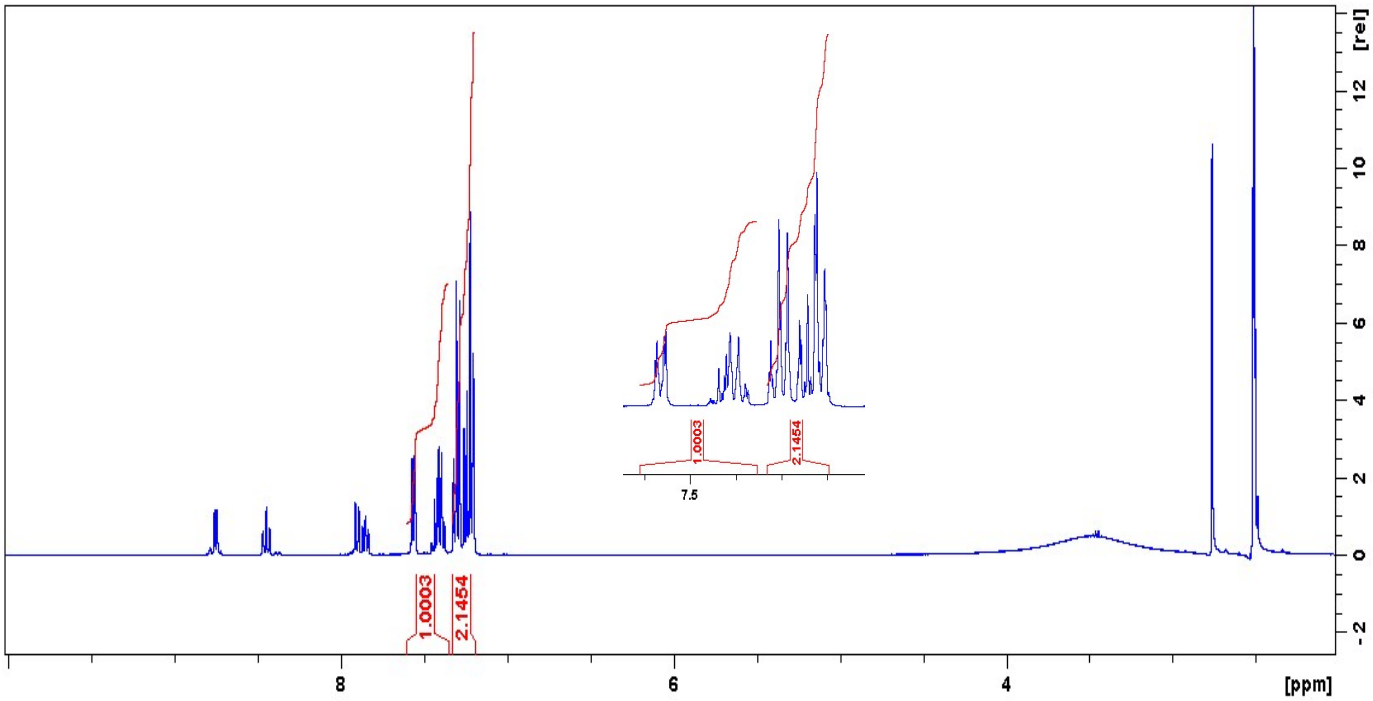
2. TPS·2/4PIC (structure 2)



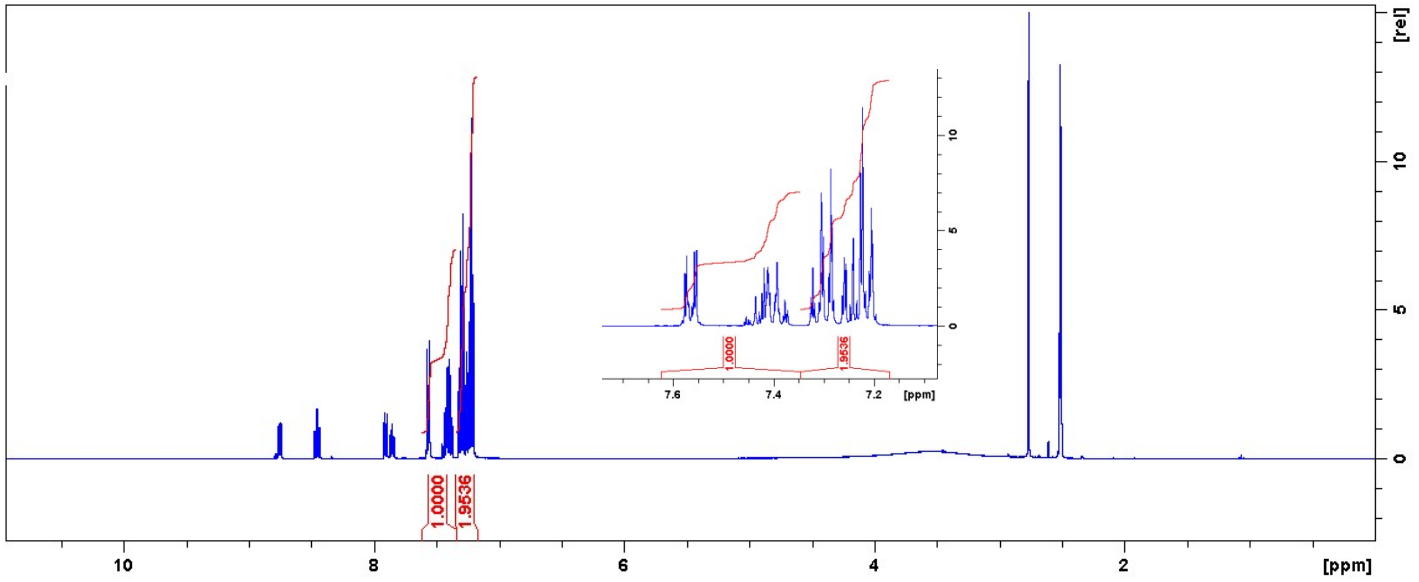
3. TPS·3/4PIC (structure 3)



4. TPS/TPM (50/50)·2/3PIC (structure 7)

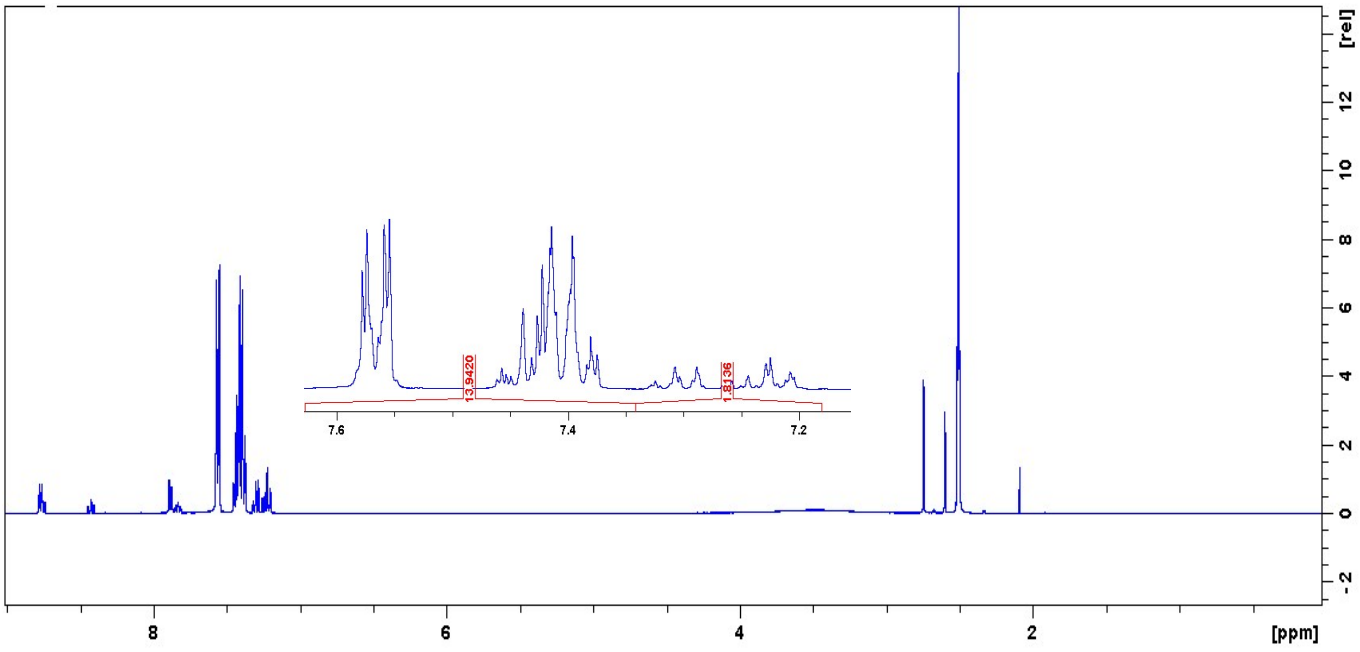


5. TPS/TPM (50/50)·2/4PIC (structure 8)

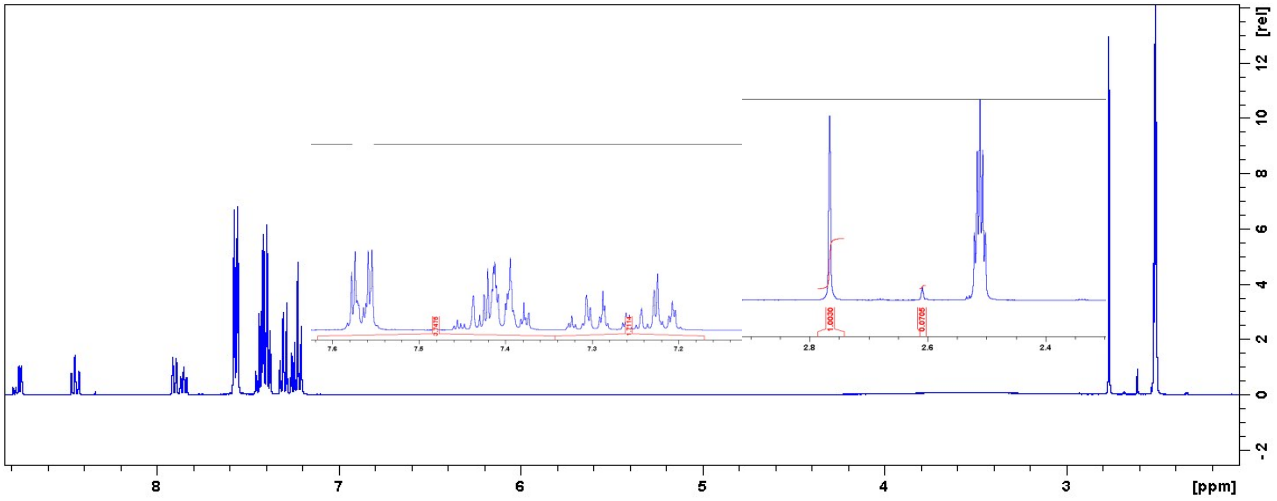


Results of the systematic contamination of TPS with TPM

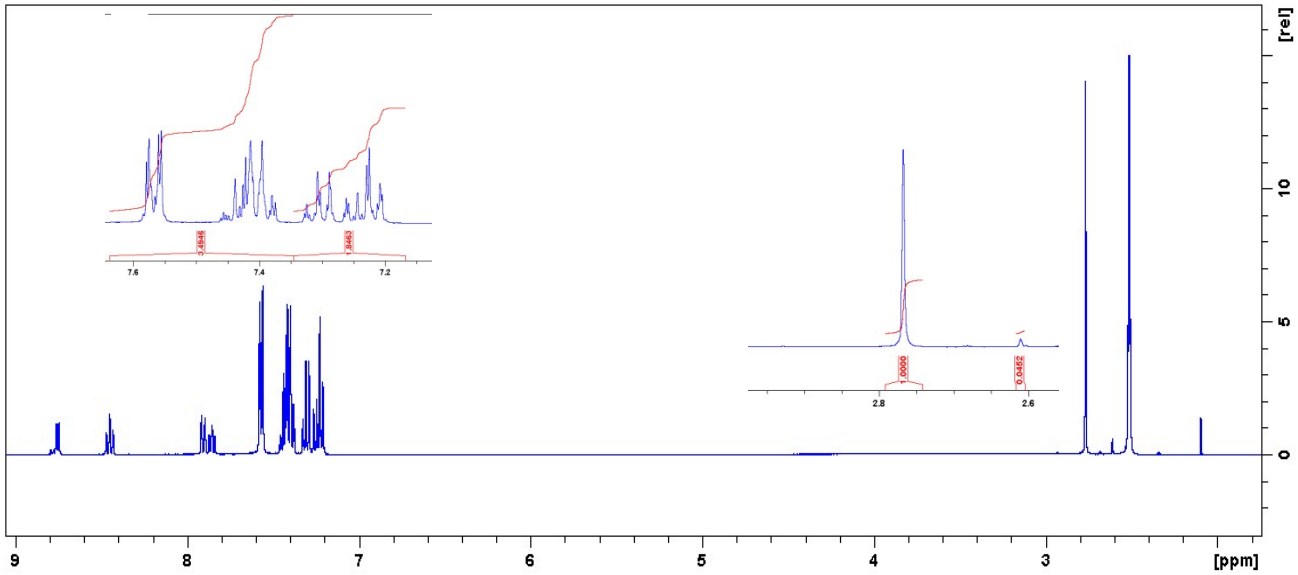
6. TPS/TPM (90/10)·2/4PIC



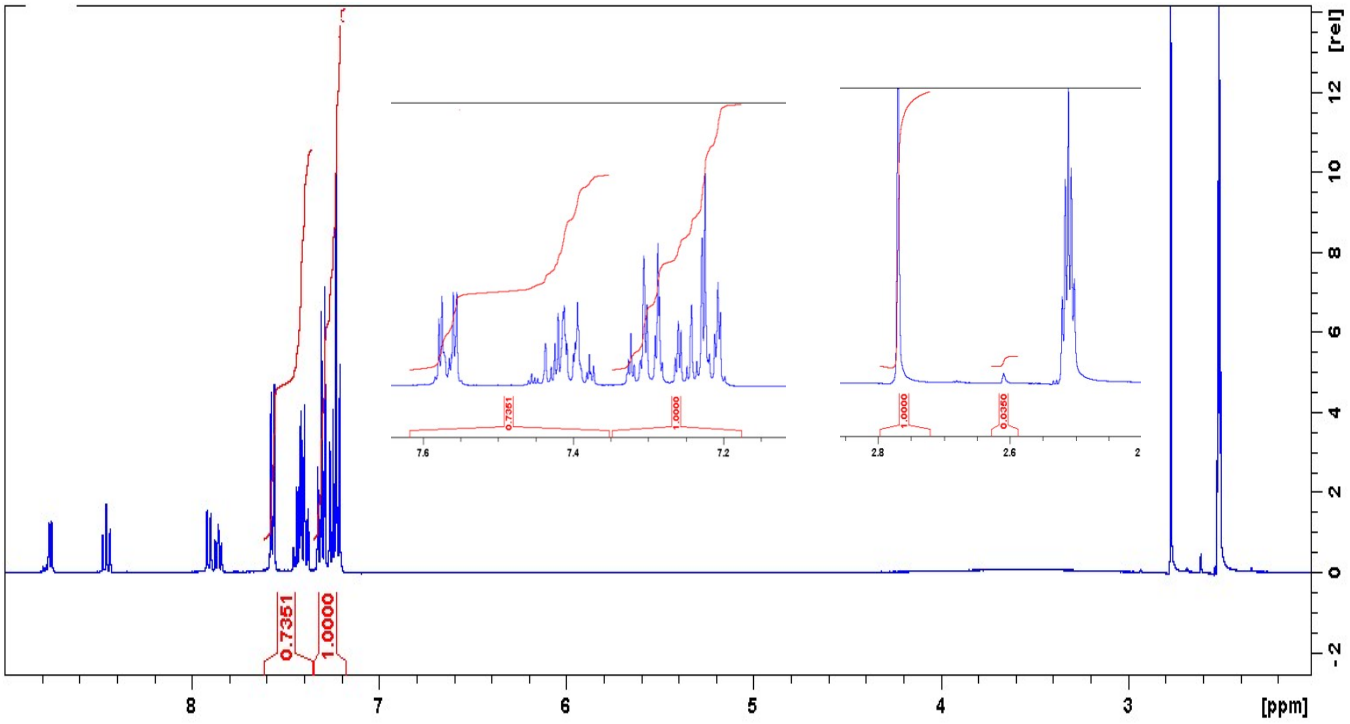
7. TPS/TPM (80/20)·2/4PIC



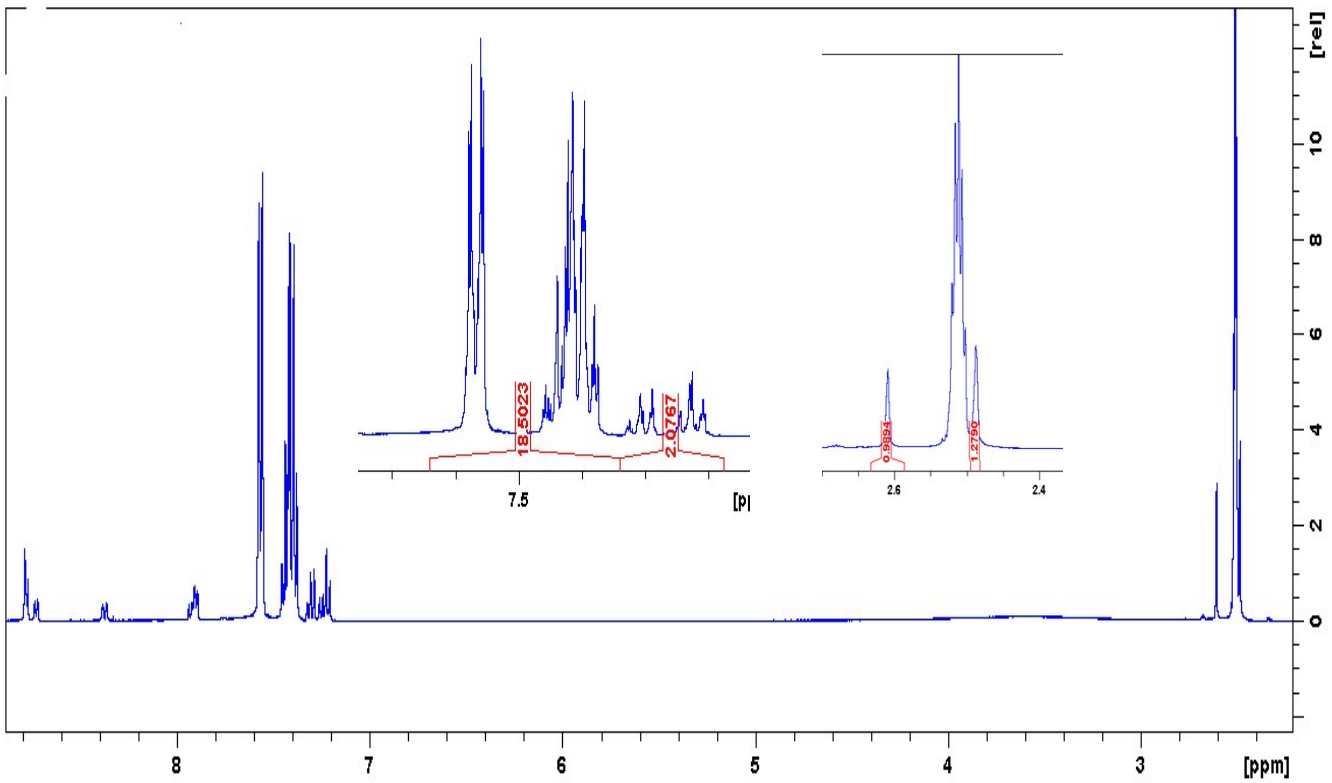
8. TPS/TPM (70/30)·2/4PIC



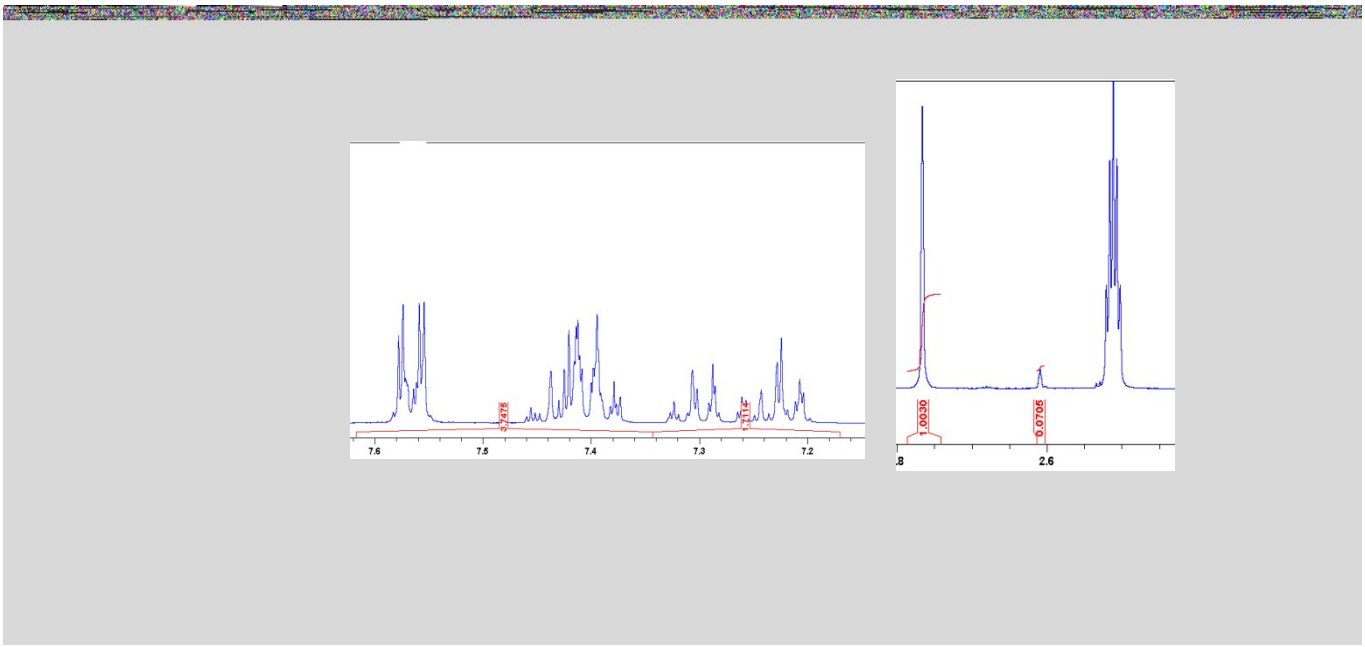
9. TPS/TPM (60/40)·2/4PIC



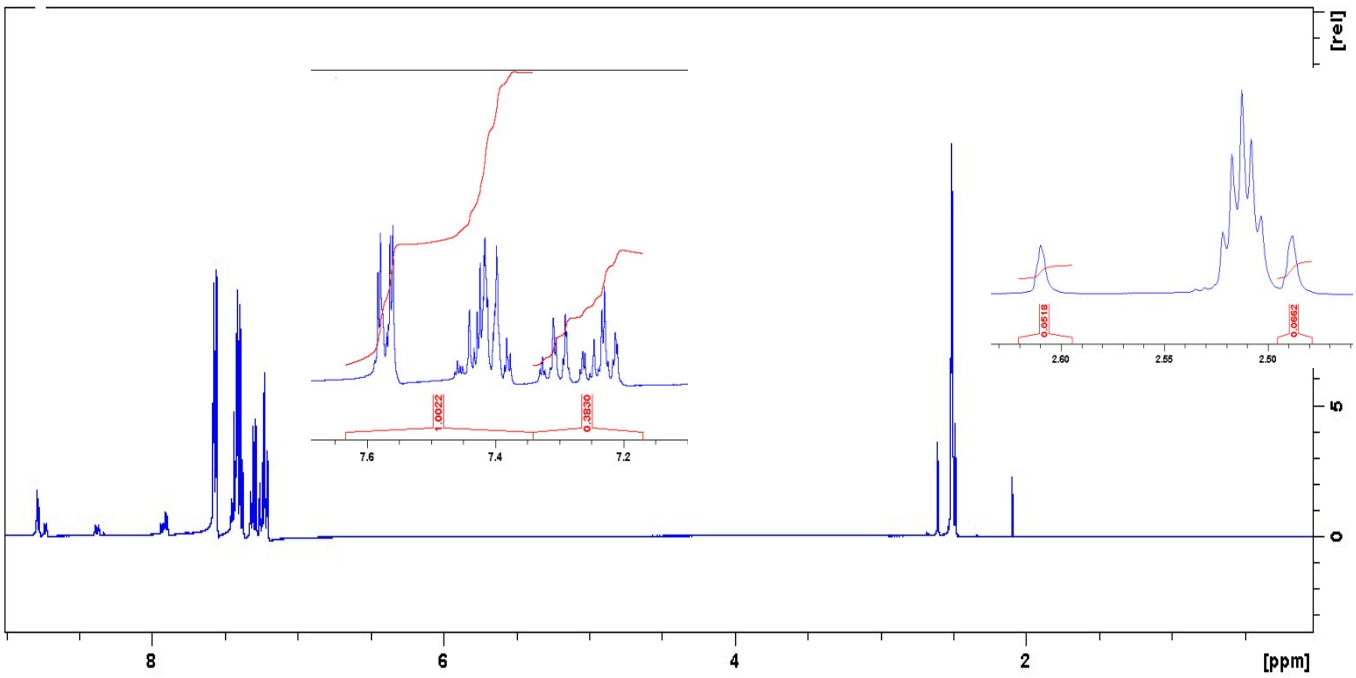
10. TPS/TPM (90/10)·3/4PIC



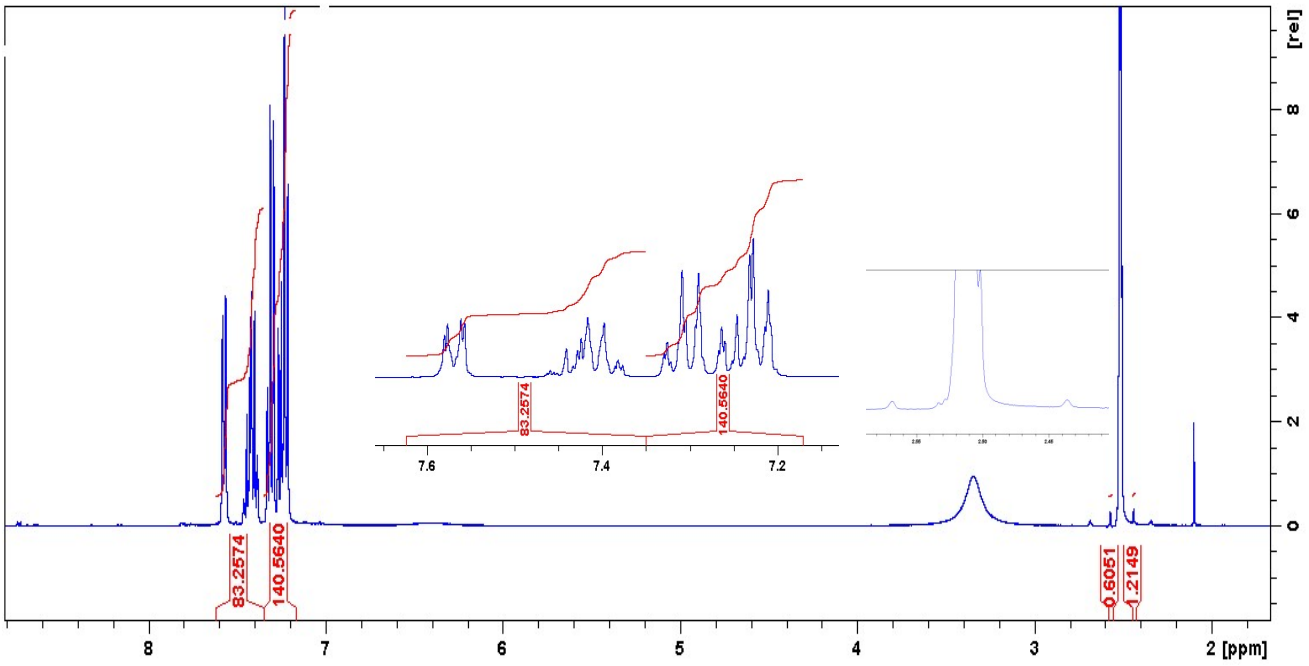
11. TPS/TPM (80/20)·3/4PIC



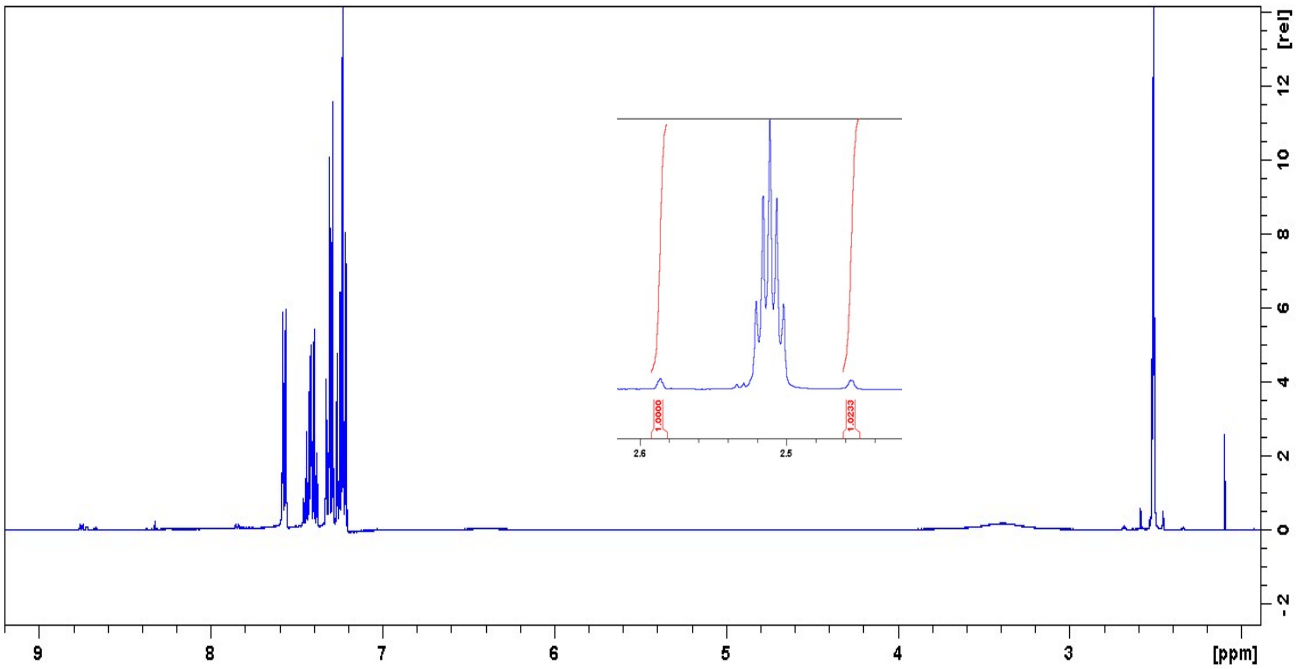
12. TPS/TPM (70/30)·3/4PIC



13. TPS/TPM (60/40) 3/4PIC



14. TPS/TPM (50/50)·3/4PIC



15

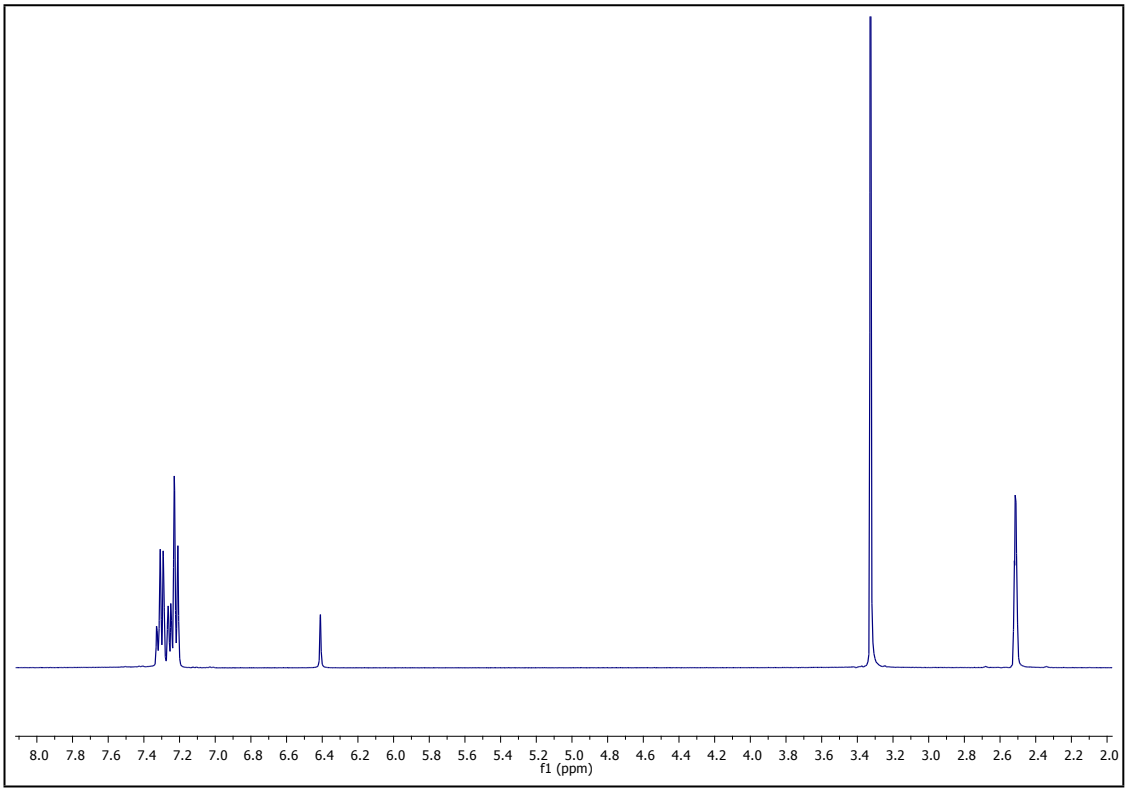


Figure x: Triphenylmethanol in D6-DMSO

16

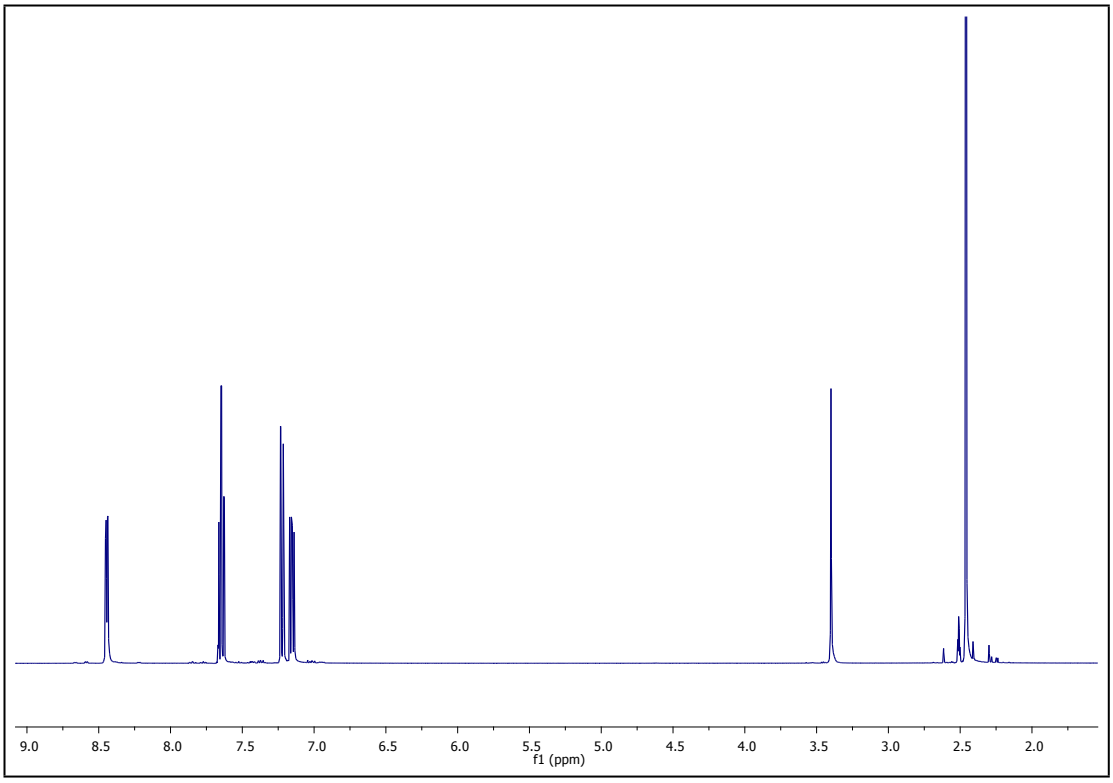


Figure x: 2-picoline in D6-DMSO

17

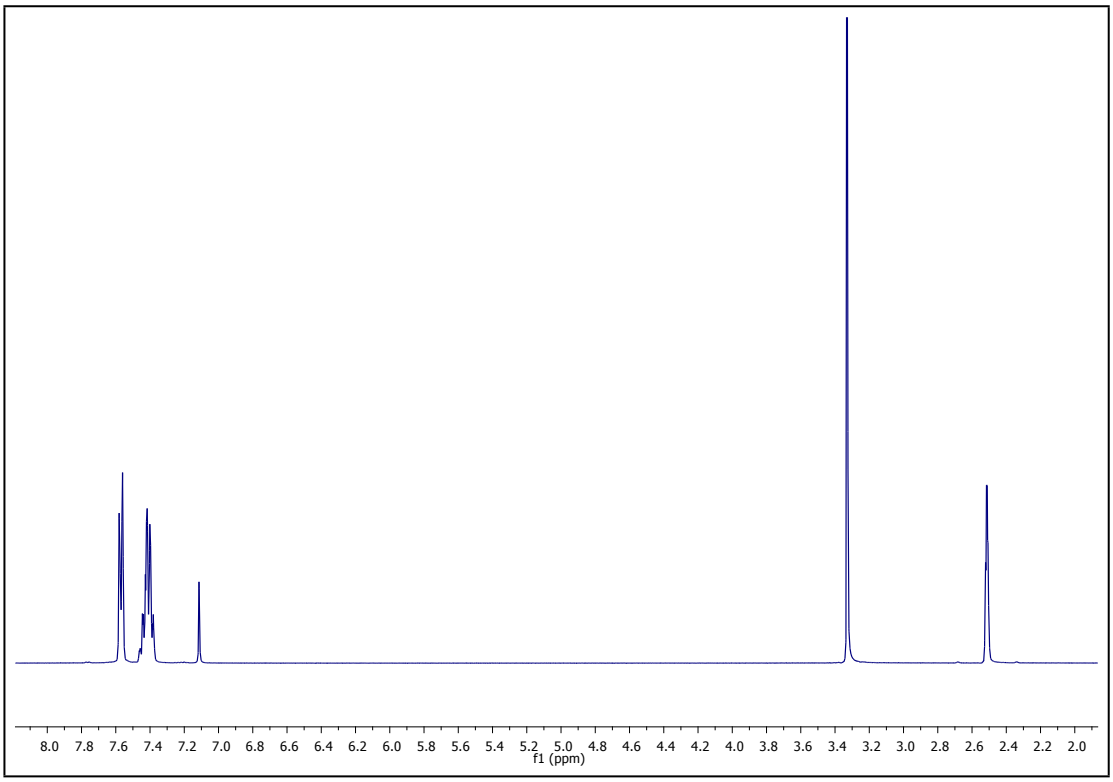


Figure x: Triphenylsilanol in D6-DMSO

18

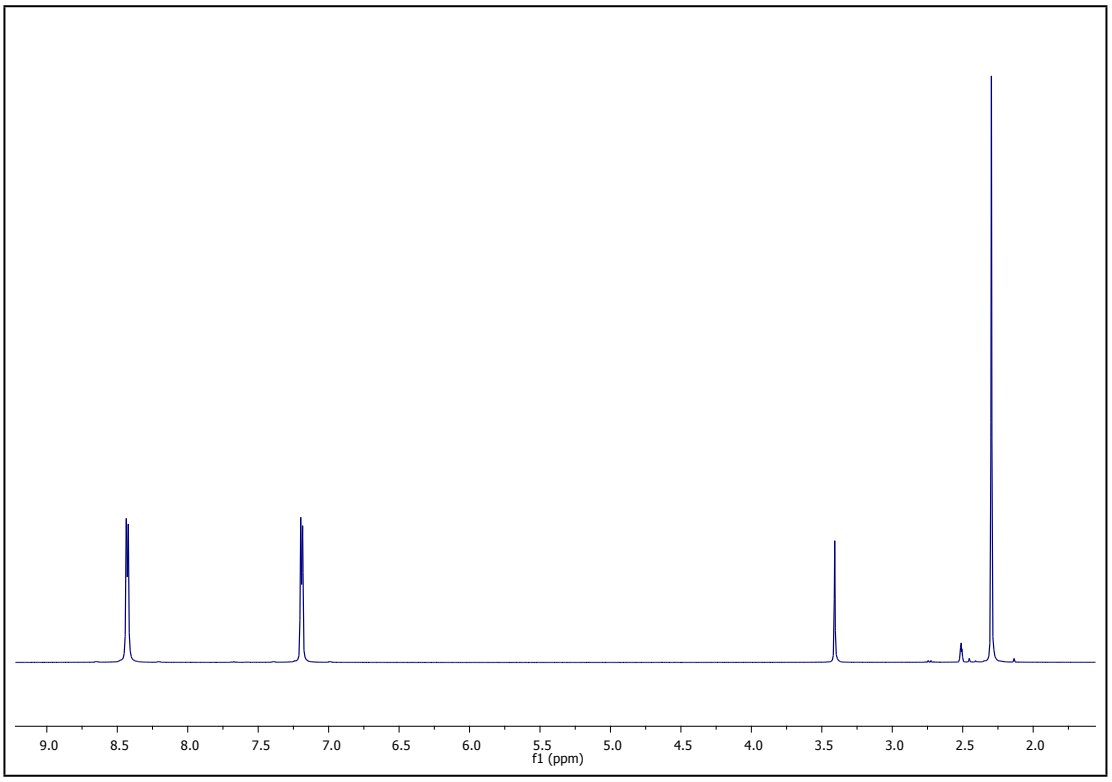


Figure x: 4-picoline in D6-DMSO

19

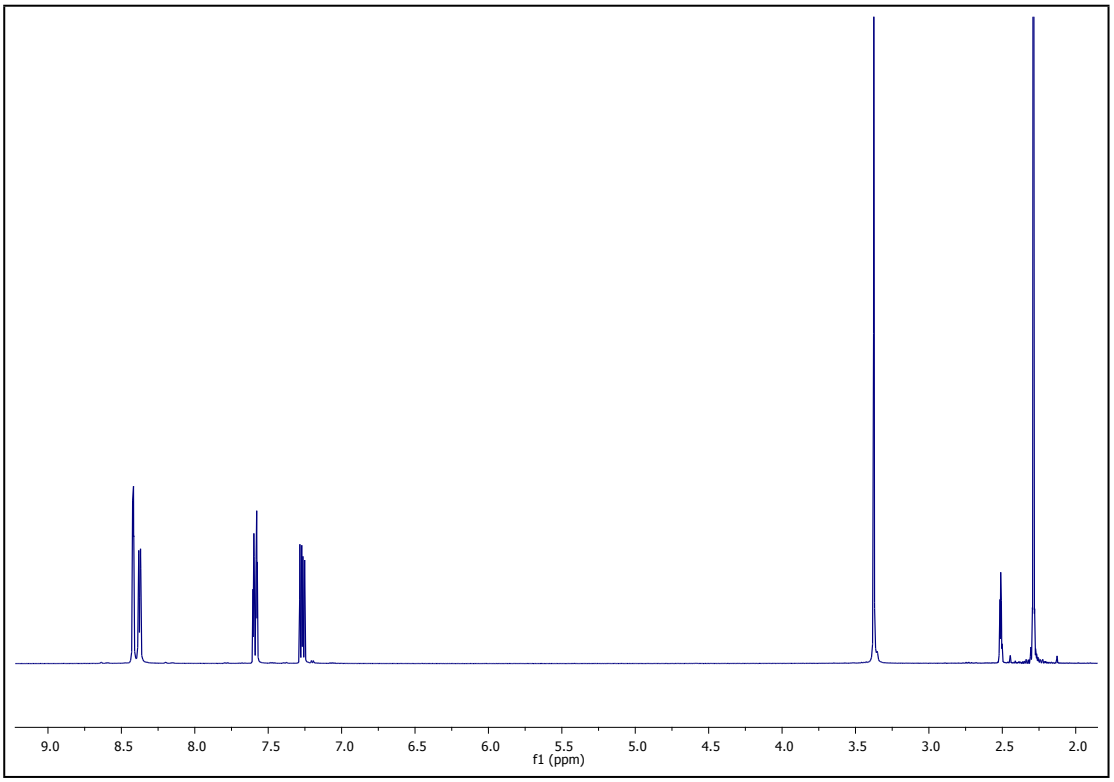


Figure x: 3-picoline in D6-DMSO

20

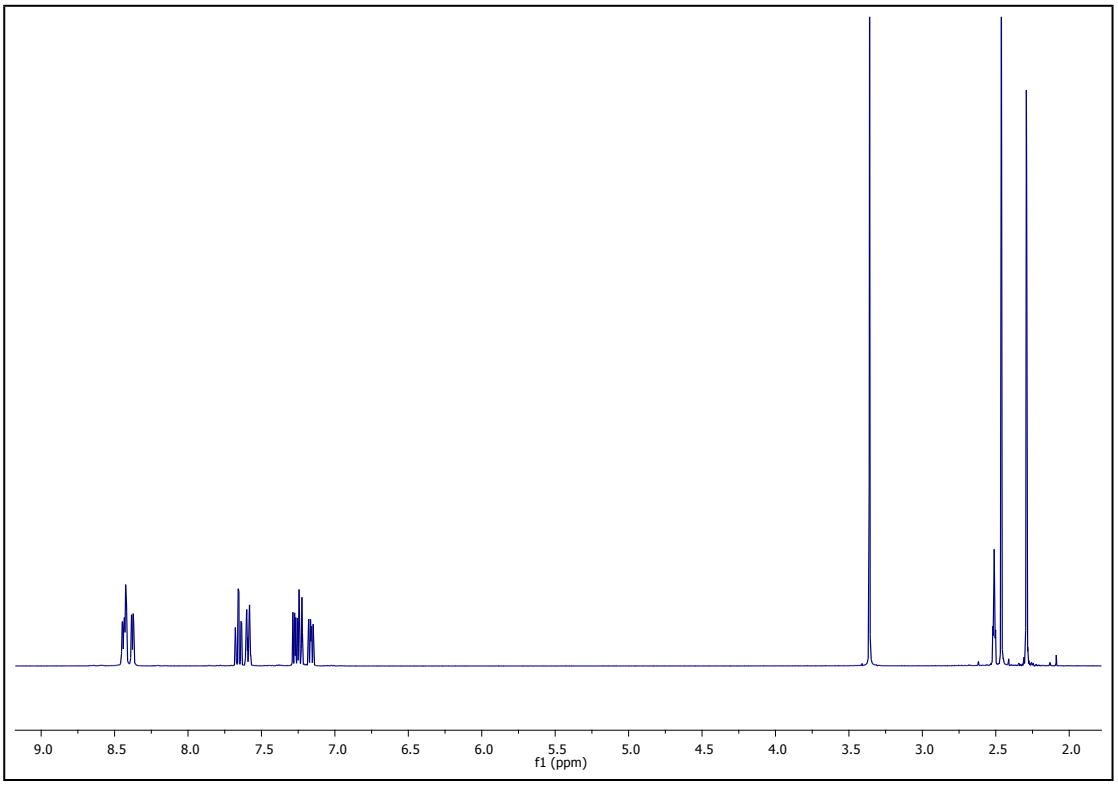


Figure x: 2/3-picoline (equimolar) in D6-DMSO