

Preparation of protic ionic liquids with minimal  
water content and  $^{15}\text{N}$  NMR study of proton  
transfer.

**Supplementary information**

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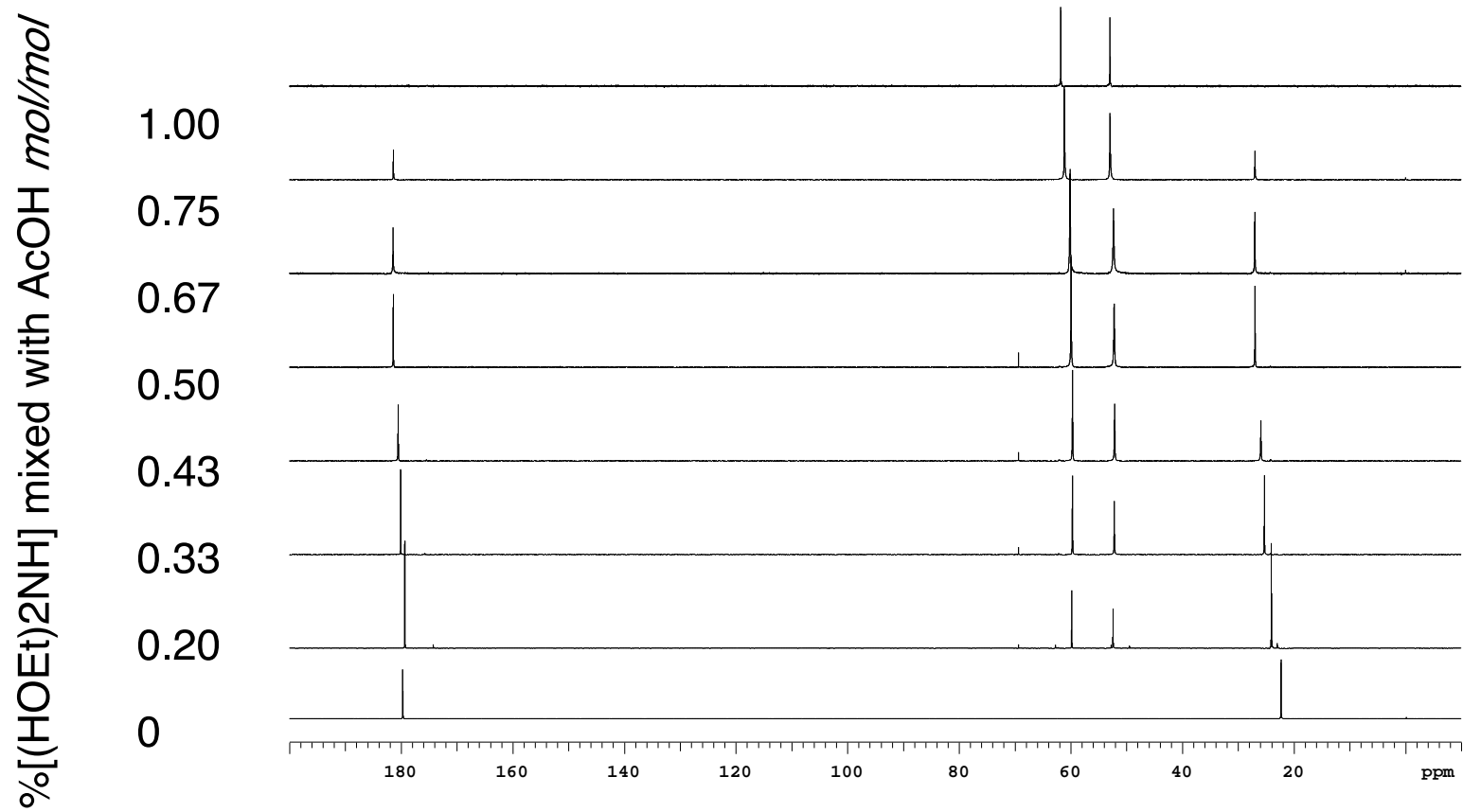


Figure 1:  $^{13}\text{C}$  NMR of  $(\text{HOEt})_2\text{NH} \cdot \text{AcOH}$  - full spectrum.

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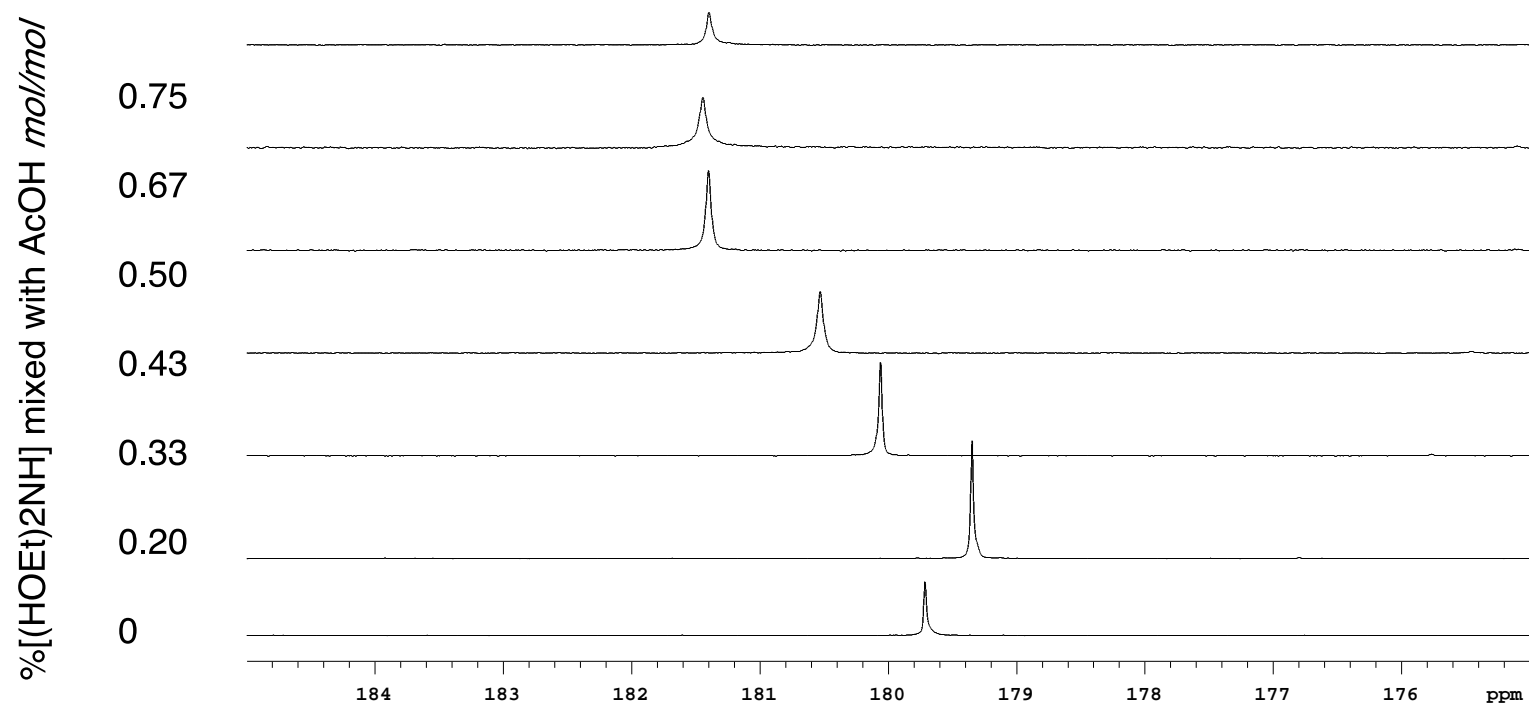


Figure 2:  $^{13}\text{C}$  NMR of  $(\text{HOEt})_2\text{NH}\cdot\text{AcOH}$  - carboxylic acid carbon.

4

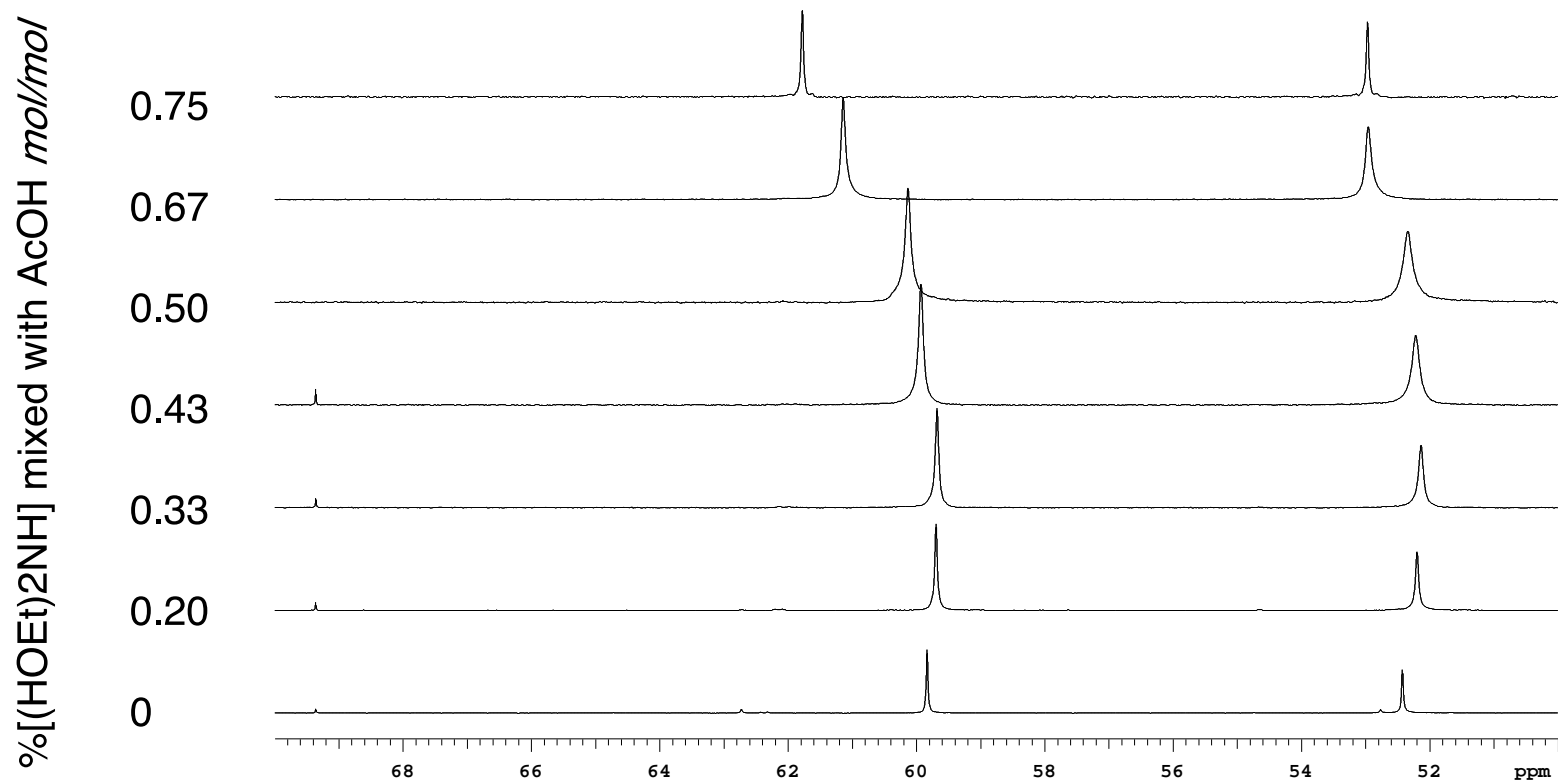


Figure 3:  $^{13}\text{C}$  NMR of  $(\text{HOEt})_2\text{NH} \cdot \text{AcOH}$  -  $(\text{HOEt})_2\text{NH}$  ethyl chain,  $-\text{CH}_2\text{N}$  ~60 ppm,  $\text{OCH}_2-$  ~52 ppm.

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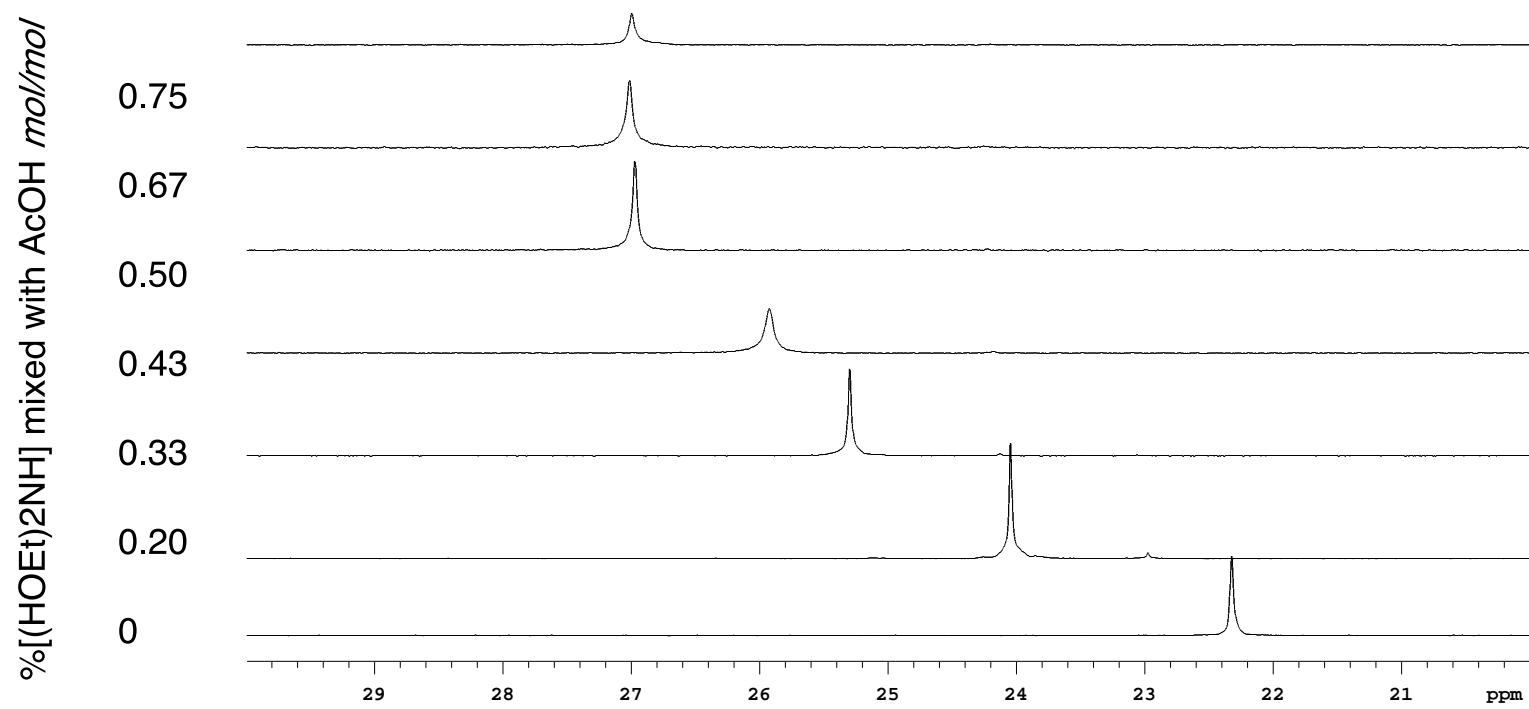


Figure 4:  $^{13}\text{C}$  NMR of  $(\text{HOEt})_2\text{NH} \cdot \text{AcOH}$  - AcOH methyl group.