

## Electronic supplementary information for

### Activity and stability of $\alpha$ -chymotrypsin in biocompatible ionic liquids: enzyme refolding by triethyl ammonium acetate

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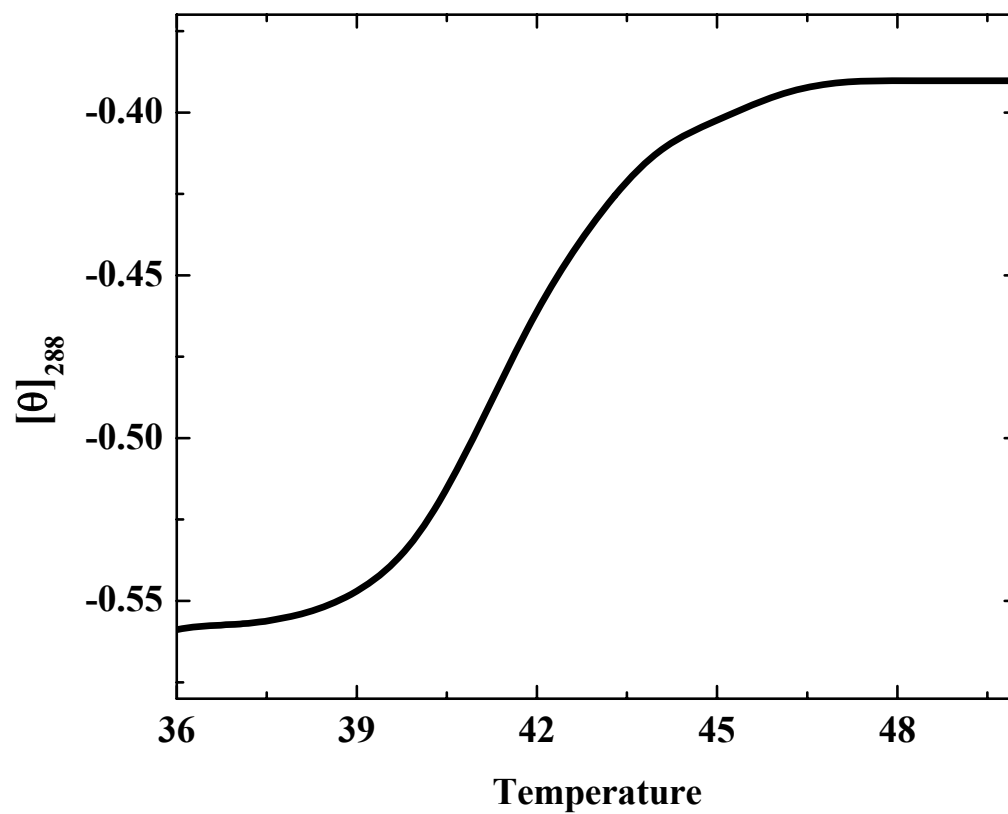
**Fig. 2** CD analysis of  $T_m$  values of CT at  $\theta_{288}$  in presence of (a) Buffer, (b) TEAA, (c) TEAP, (d) [Bmim][Cl], (e) [Bmim][BF<sub>4</sub>], (f) TEAPBr.

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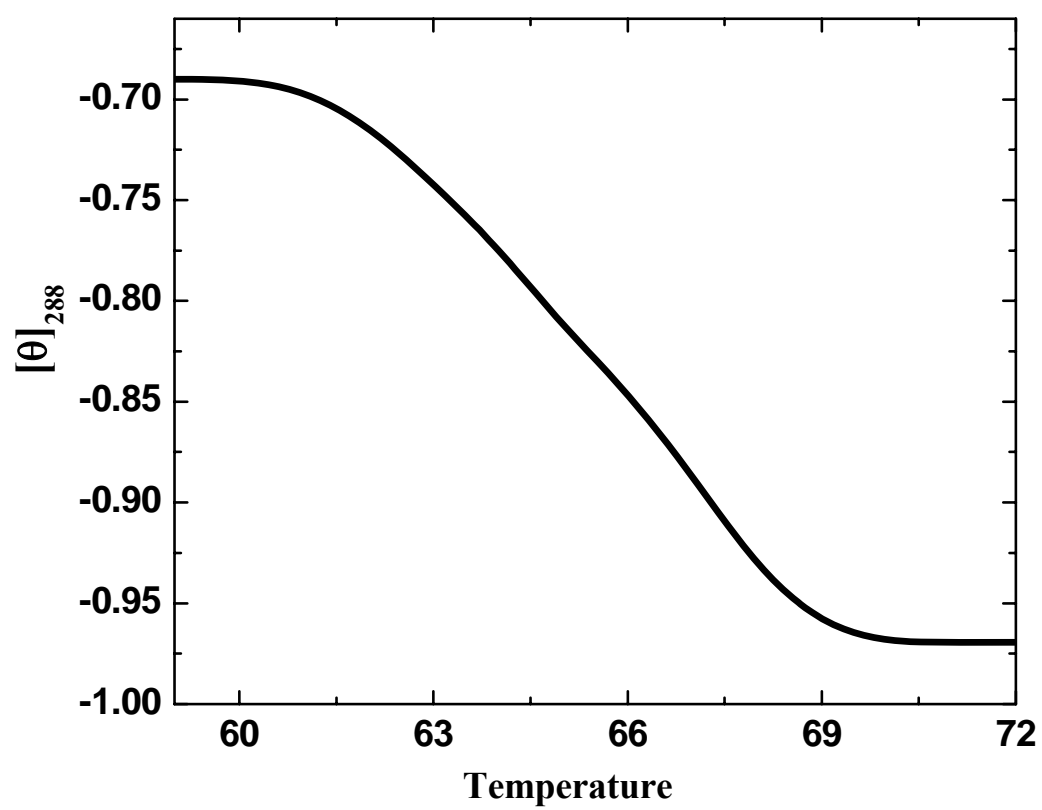
**Fig. 6** <sup>1</sup>H NMR data for the refolding of CT in TEAA at 30 °C.

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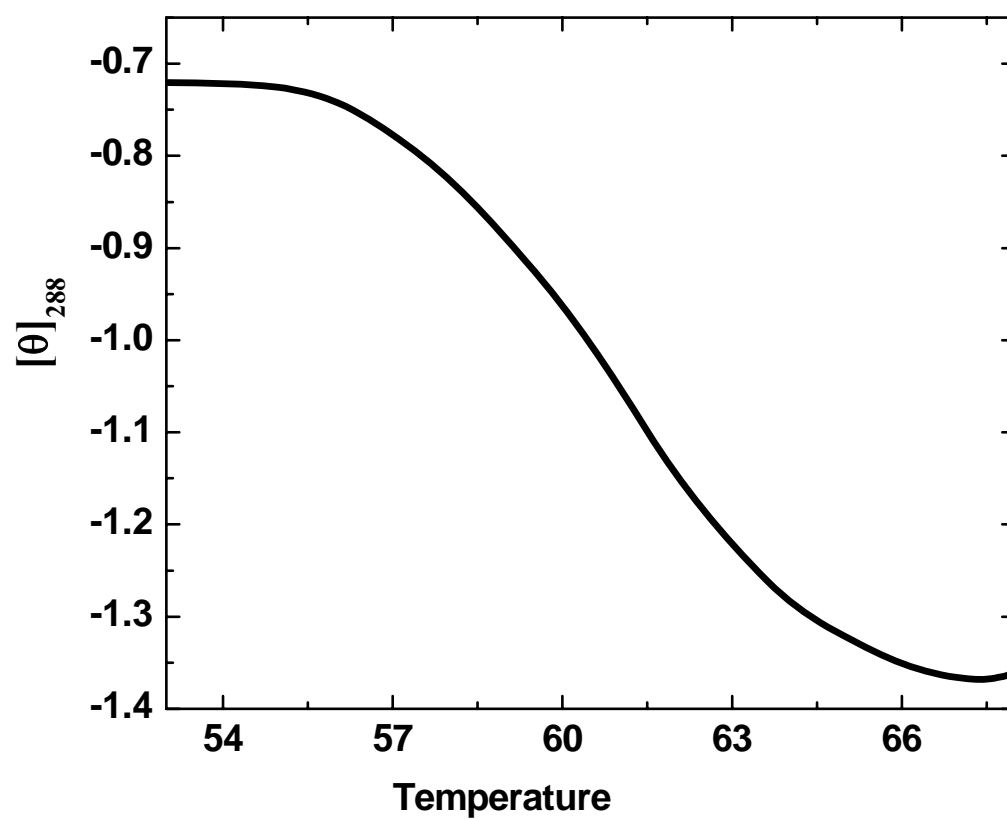
**(a) Buffer**



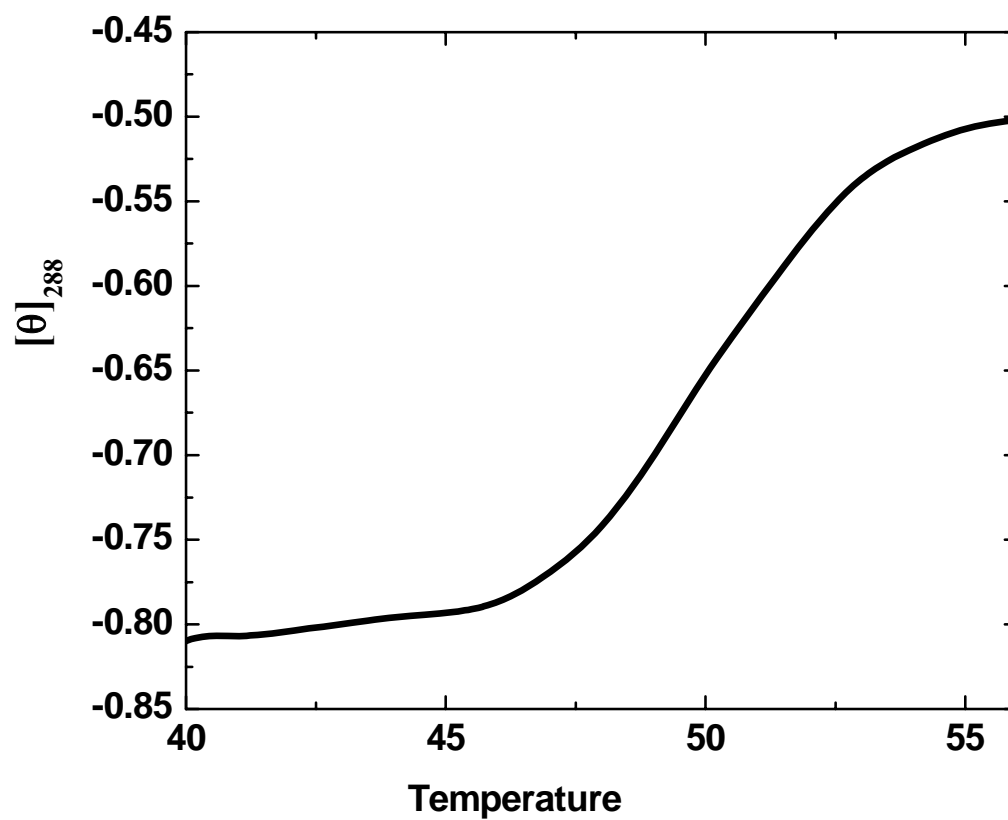
**(b) TEAA**



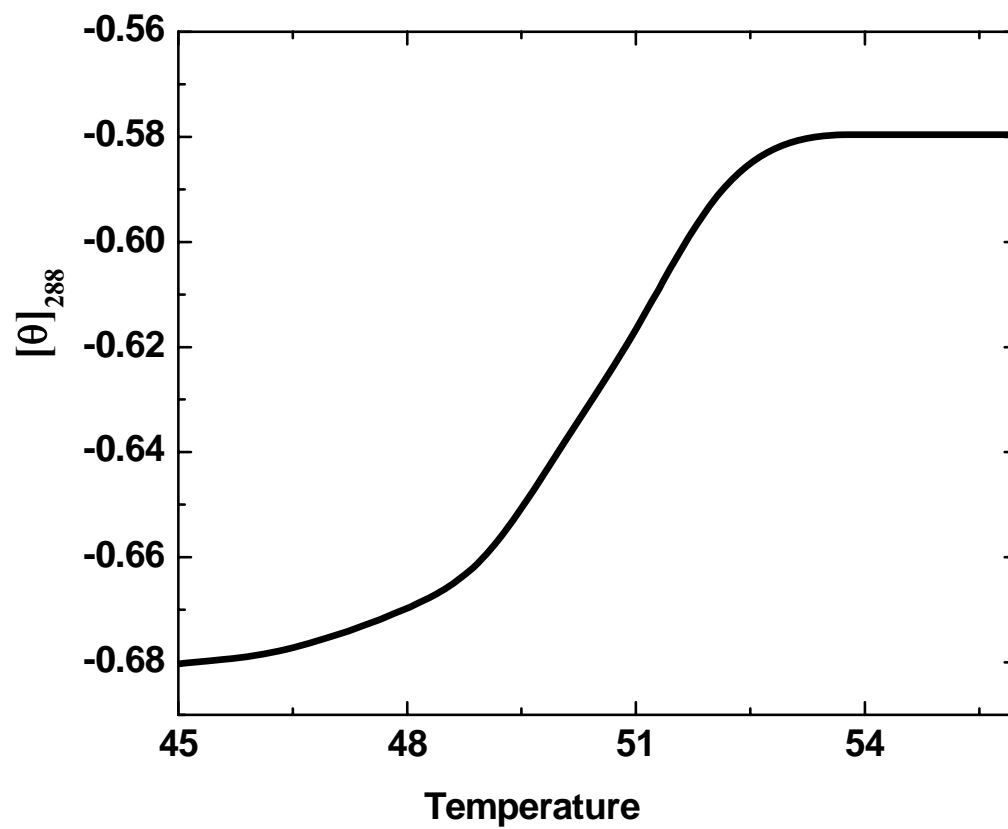
**(c) TEAP**



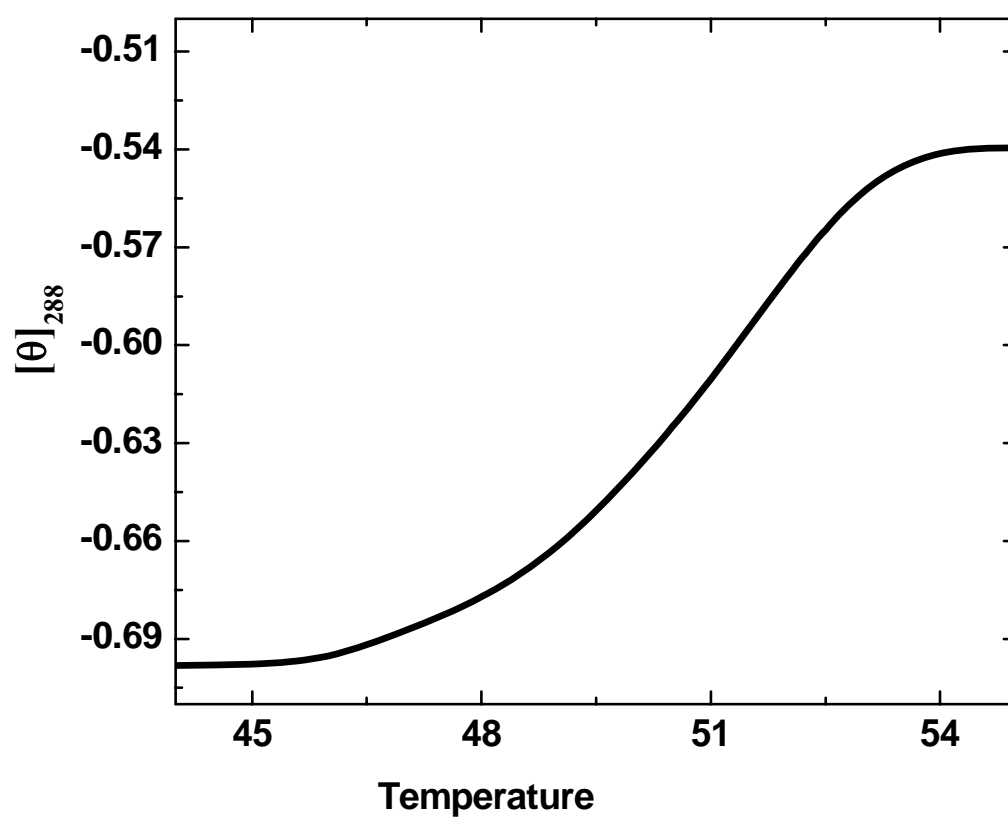
**(d) [Bmim][Cl]**



**(e) [Bmim][BF<sub>4</sub>]**

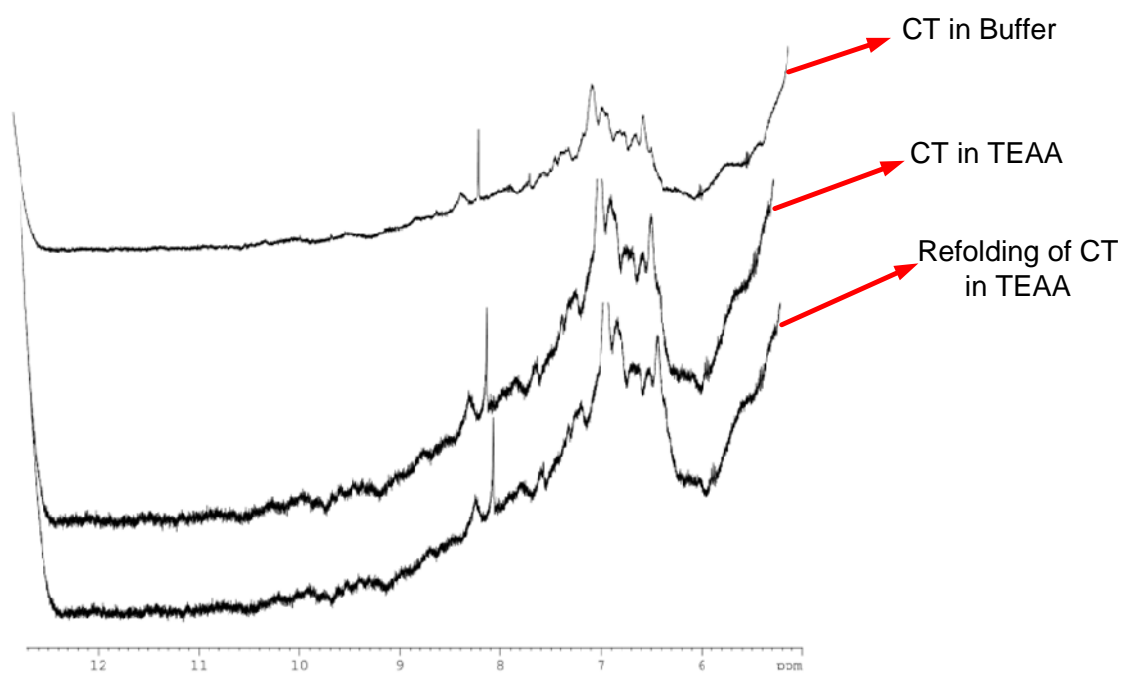


**(f) TEAPBr**



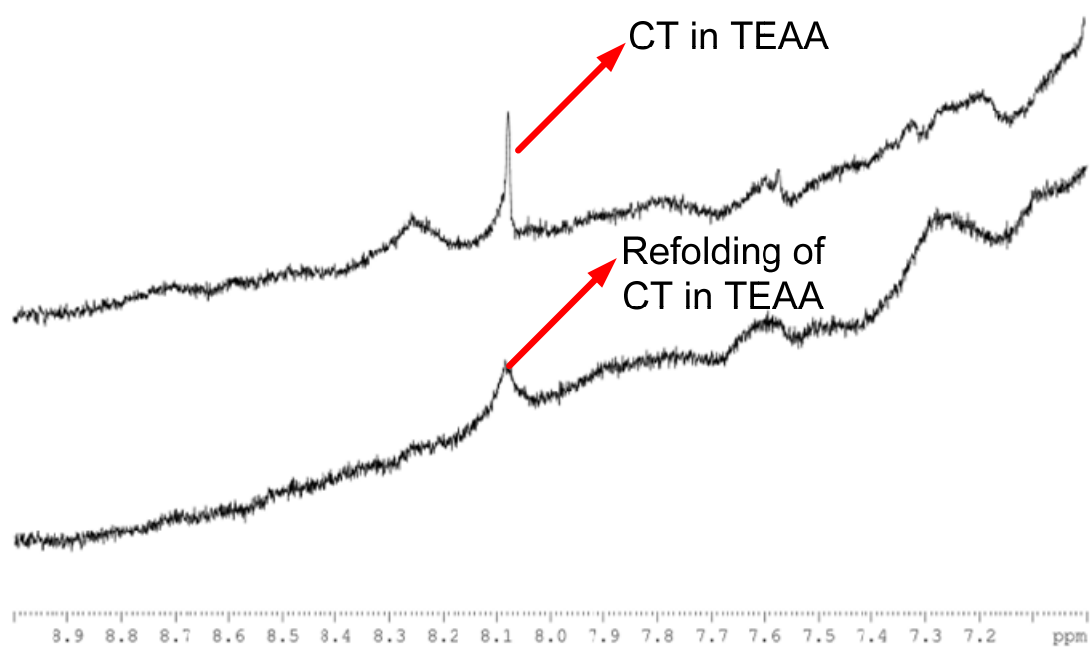
**Fig. 6**  $^1\text{H}$  NMR data for the refolding of CT in TEAA at 30  $^{\circ}\text{C}$ .

**(a)**





**(b)**



(c)

