

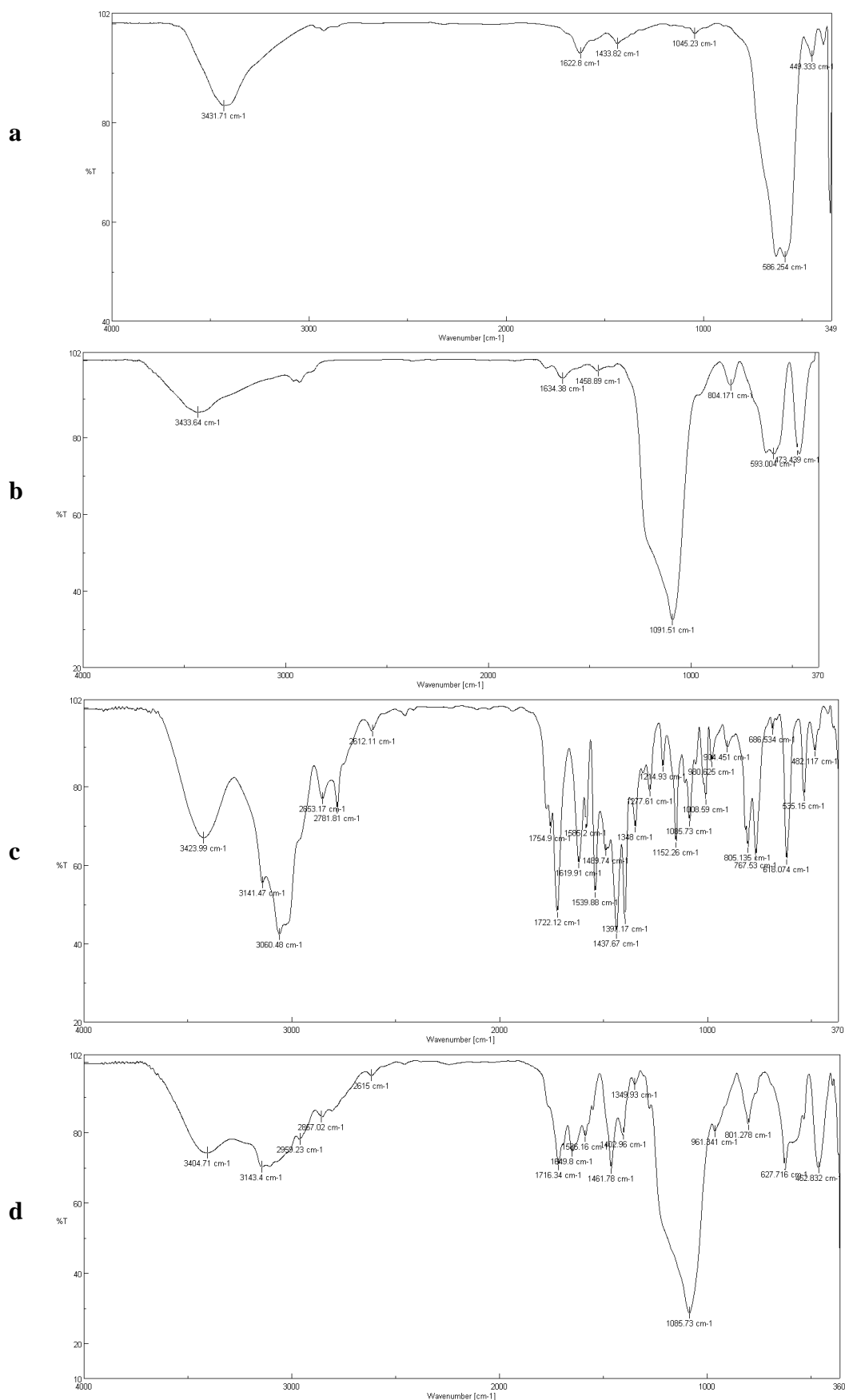
Supplementary Materials for *Catal. Sci. Technol.*

**A new green catalyst: 1,3,5-Triazine-functionalized bisimidazolium dichloride tethered SPIONs catalyzed Betti synthesis**

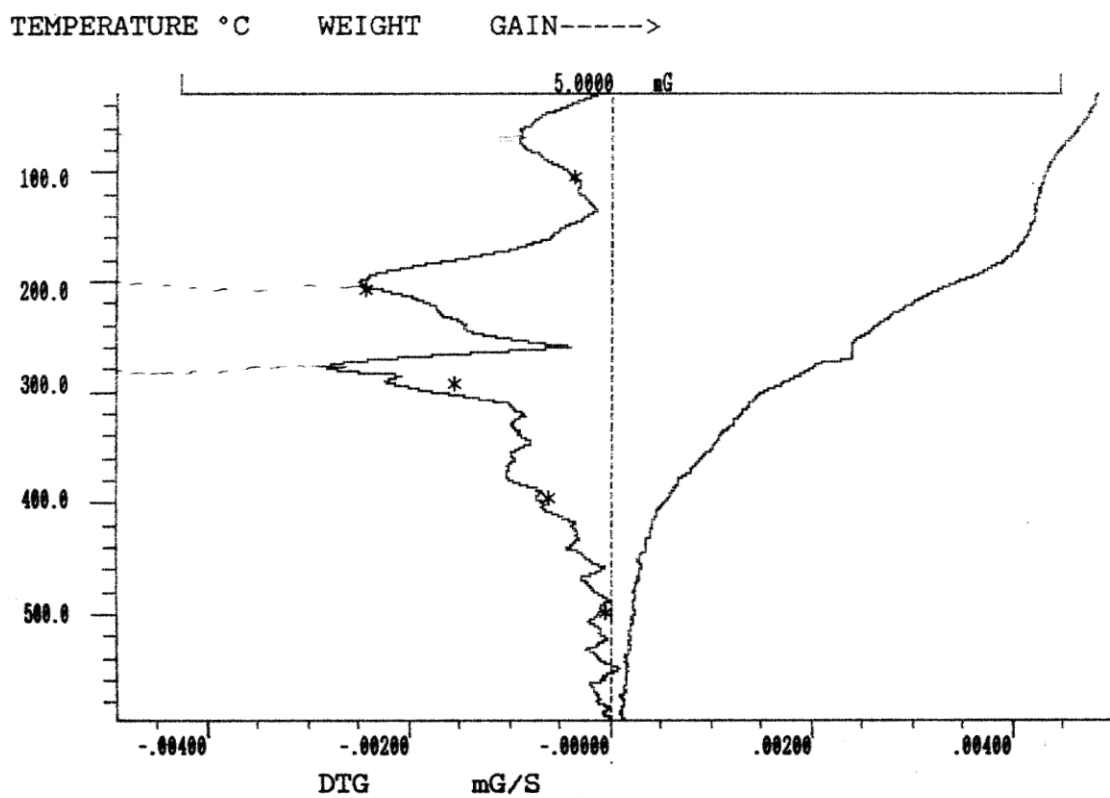
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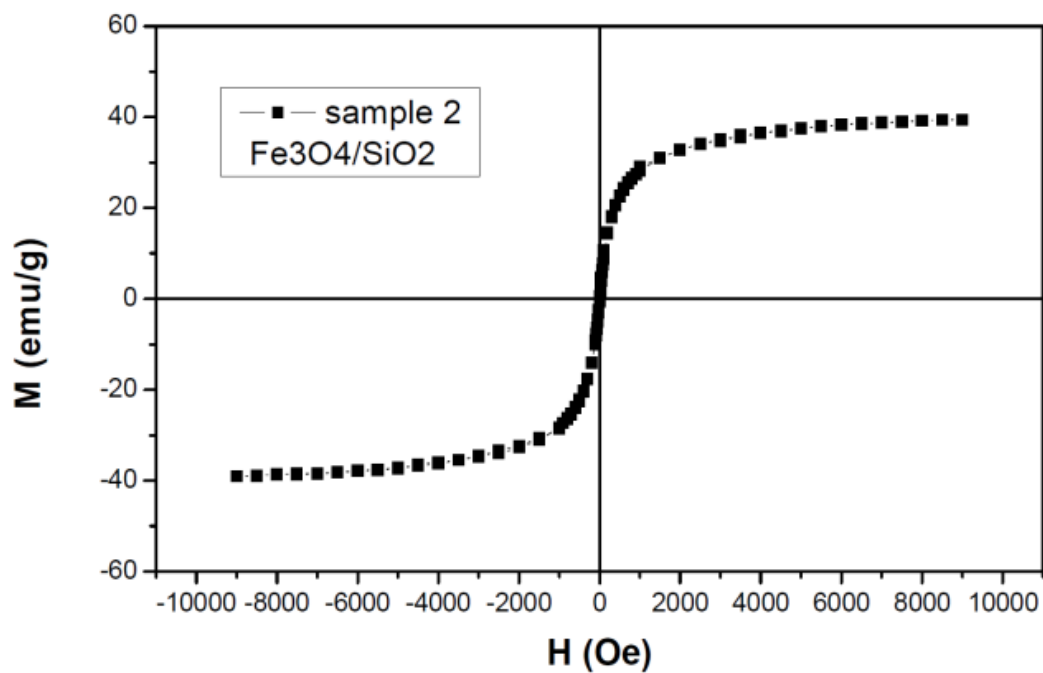
**Fig. S1** Comparison of FIIR spectrums of (a)  $\text{Fe}_3\text{O}_4$ ; (b) silica-encapsulated  $\text{Fe}_3\text{O}_4$ ; (c)  $\text{Cl-ACl}_2$  and (d)  $\text{SPION-ACl}_2$



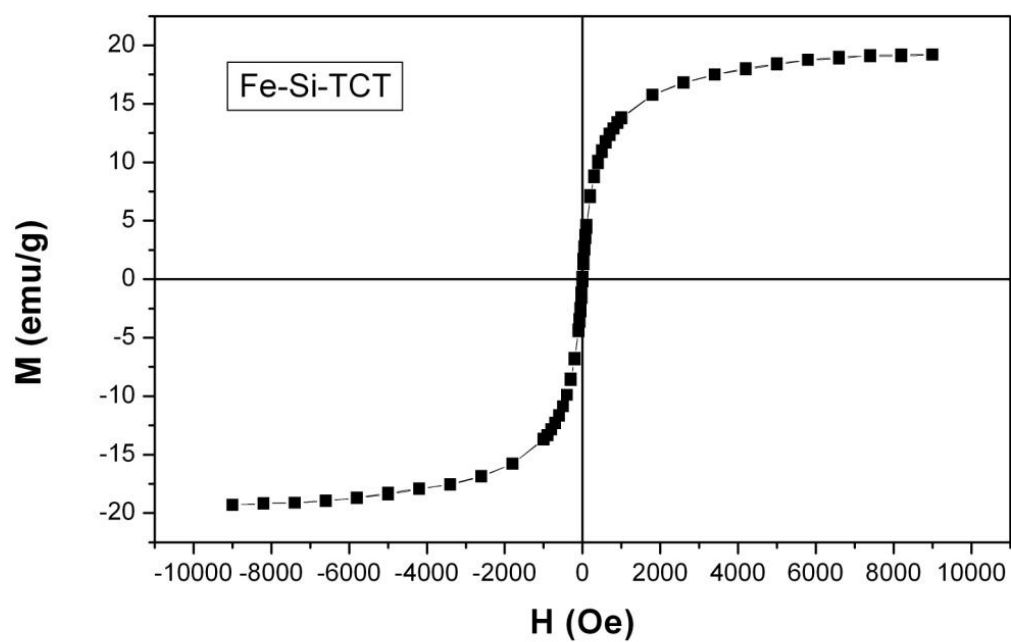
**Fig. S2** TG-DTG analysis of **SPION- $\text{AlCl}_2$**



**Fig. S3** The dc magnetic characterization of (a) silica-encapsulated Fe<sub>3</sub>O<sub>4</sub> nanoparticles and (b) SPION-ACl<sub>2</sub>



a



b