

Electronic Supplementary Information for

Synthesis of imidazolium-crosslinked chitosan aerogel and its prospect as a dye removing adsorbent

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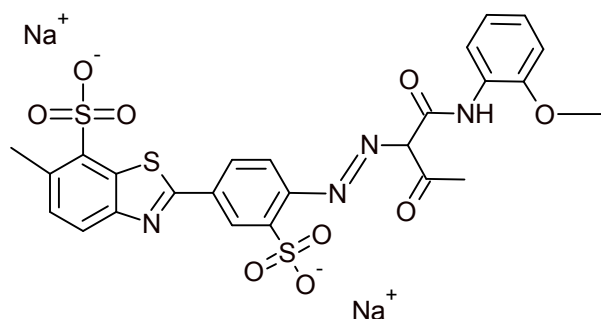


Fig. S1. Structure of Direct Yellow 27

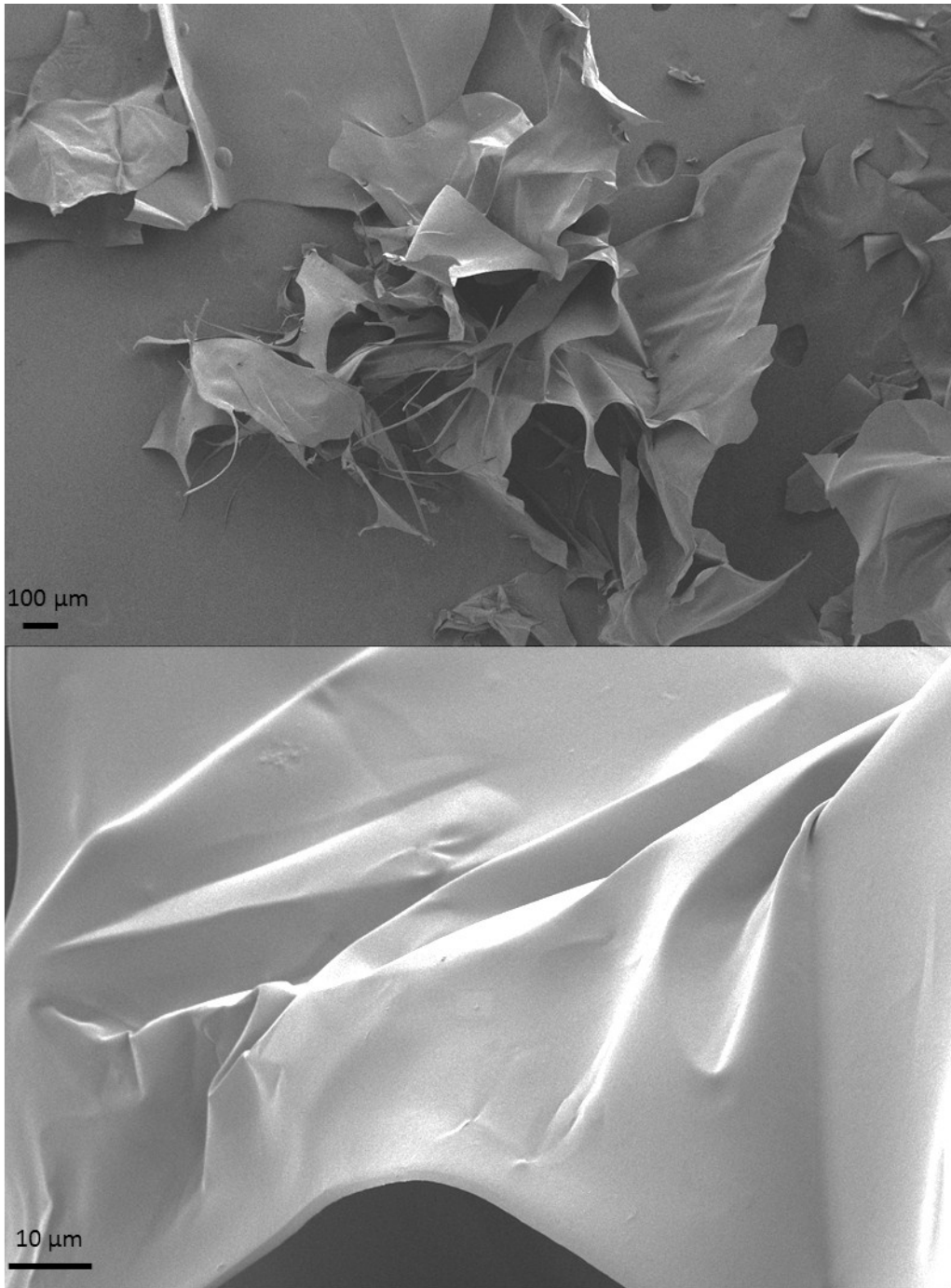
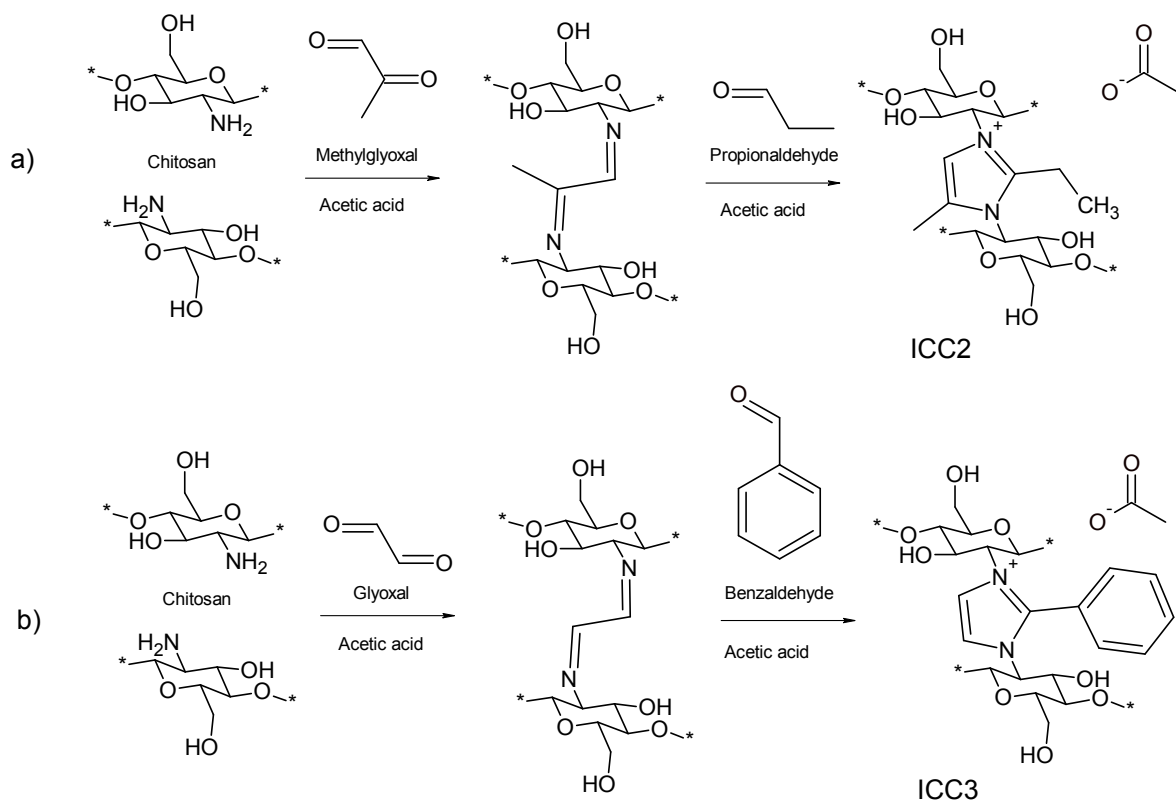


Fig. S2. SEM images of ICC1 aerogel in different magnifications.



Scheme S1. Schematic illustration of the synthesis of imidazolium crosslinked chitosan using a) methylglyoxal and propionaldehyde (ICC2), and b) glyoxal and benzaldehyde (ICC3)

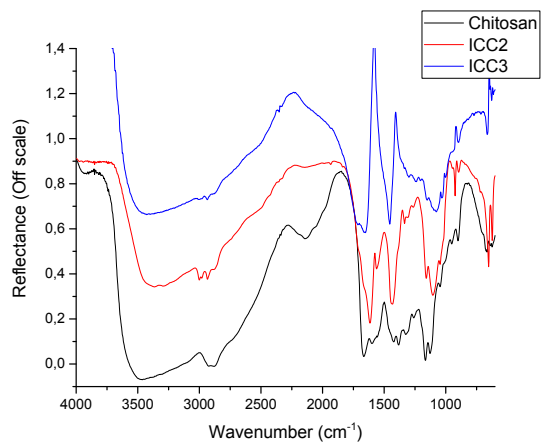


Fig. S3. DRIFT spectra of chitosan, ICC2 and ICC3.