

Supplementary Data

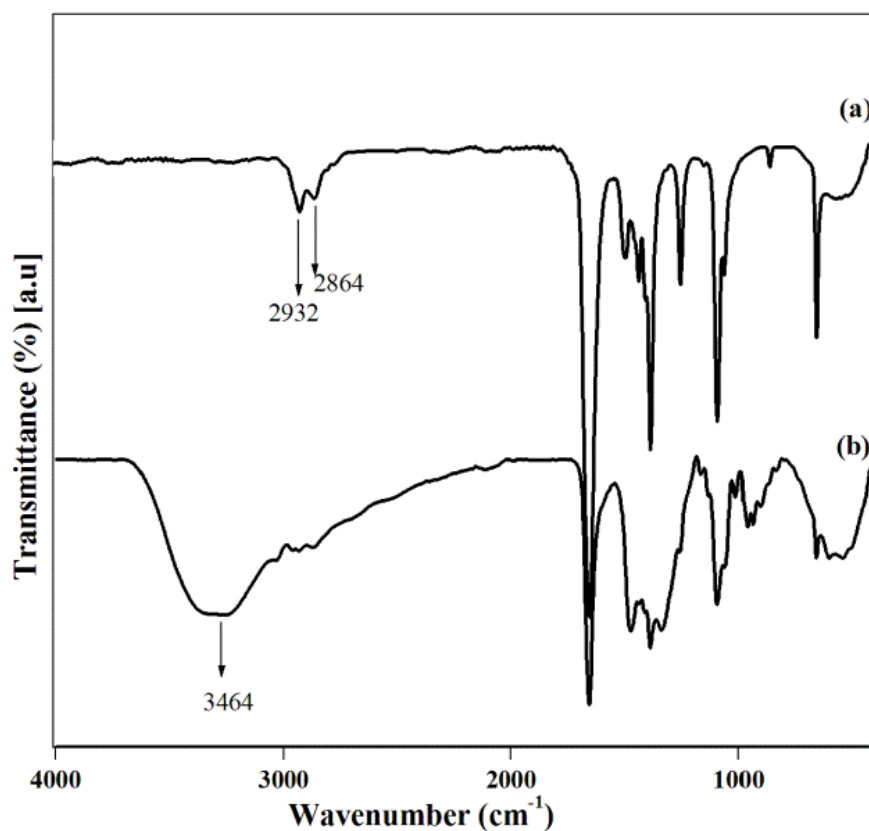


Fig. S1† FTIR of (a) DAEC (b) NMIC

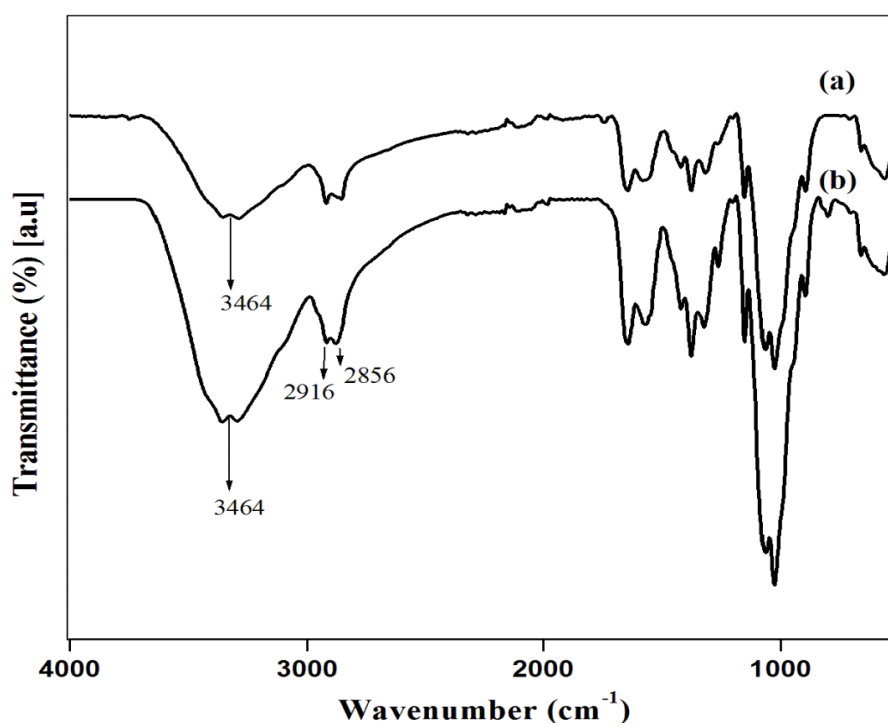


Fig. S2† FTIR of (a) Chitosan (b) C-NMIC

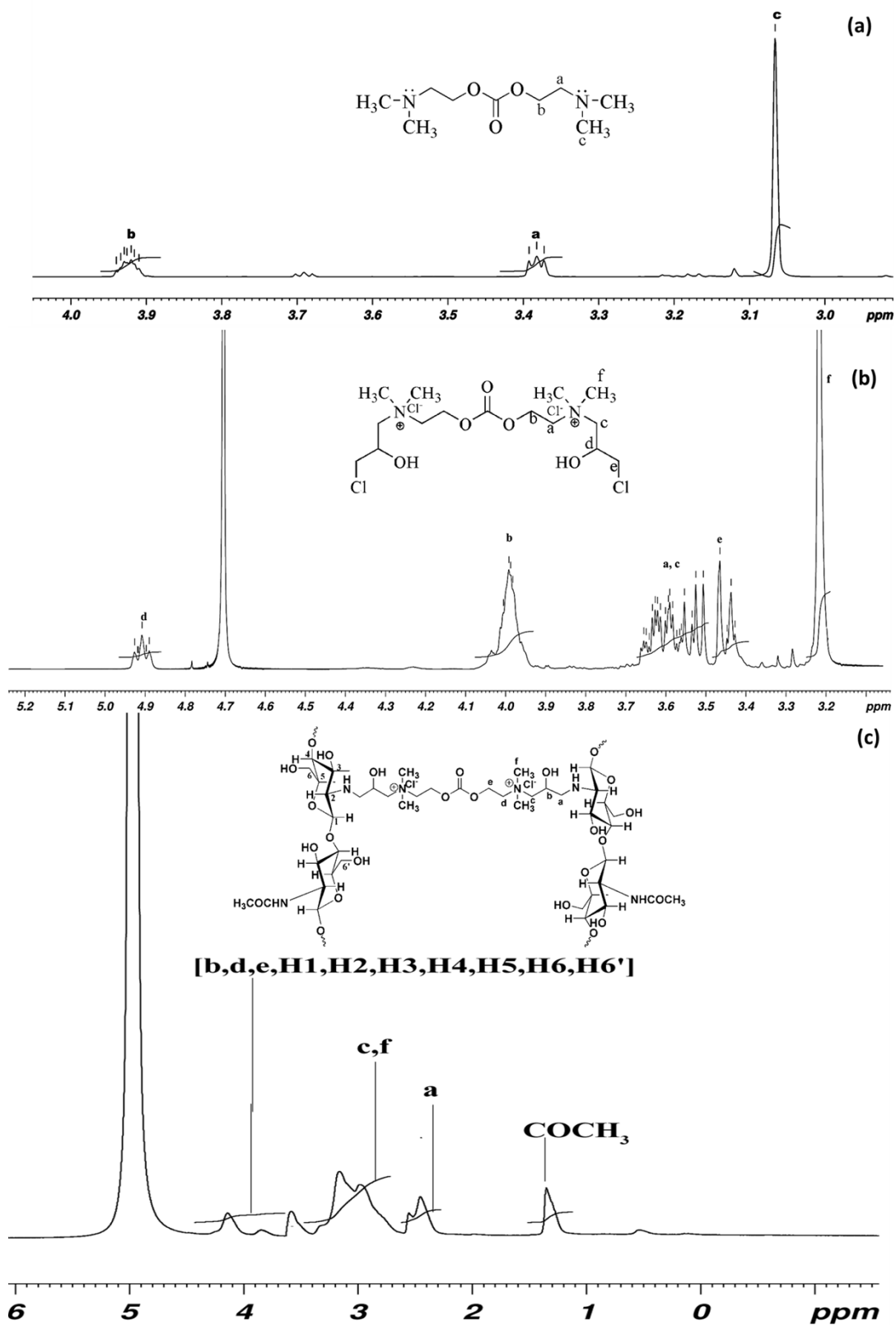


Fig. S3† $^1\text{H-NMR}$ spectra of (a) DAEC, (b) NMIC and (c) C-NMIC

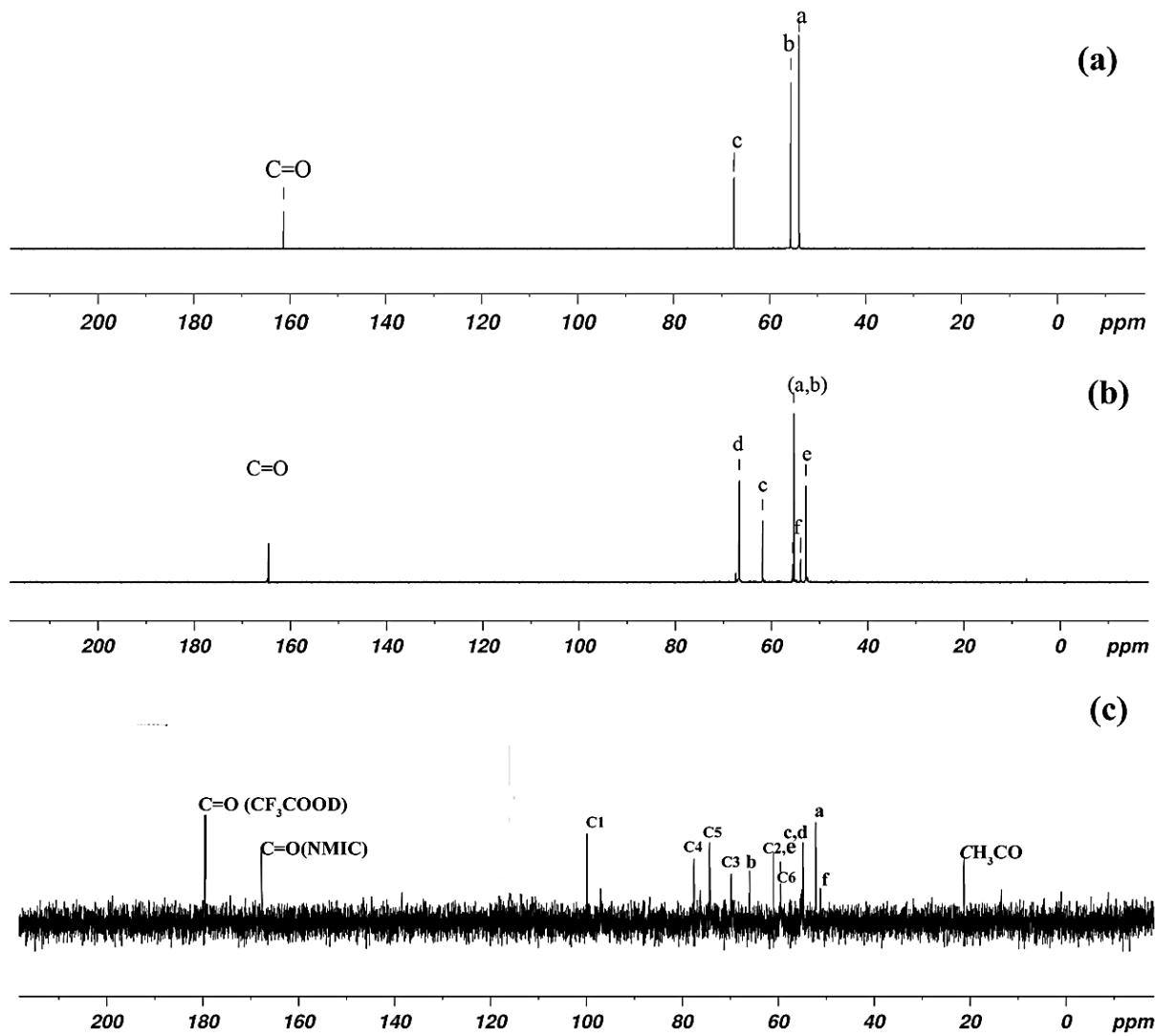


Fig. S4† ^{13}C NMR of (a) DAEC (b) NMIC (c) C-NMIC

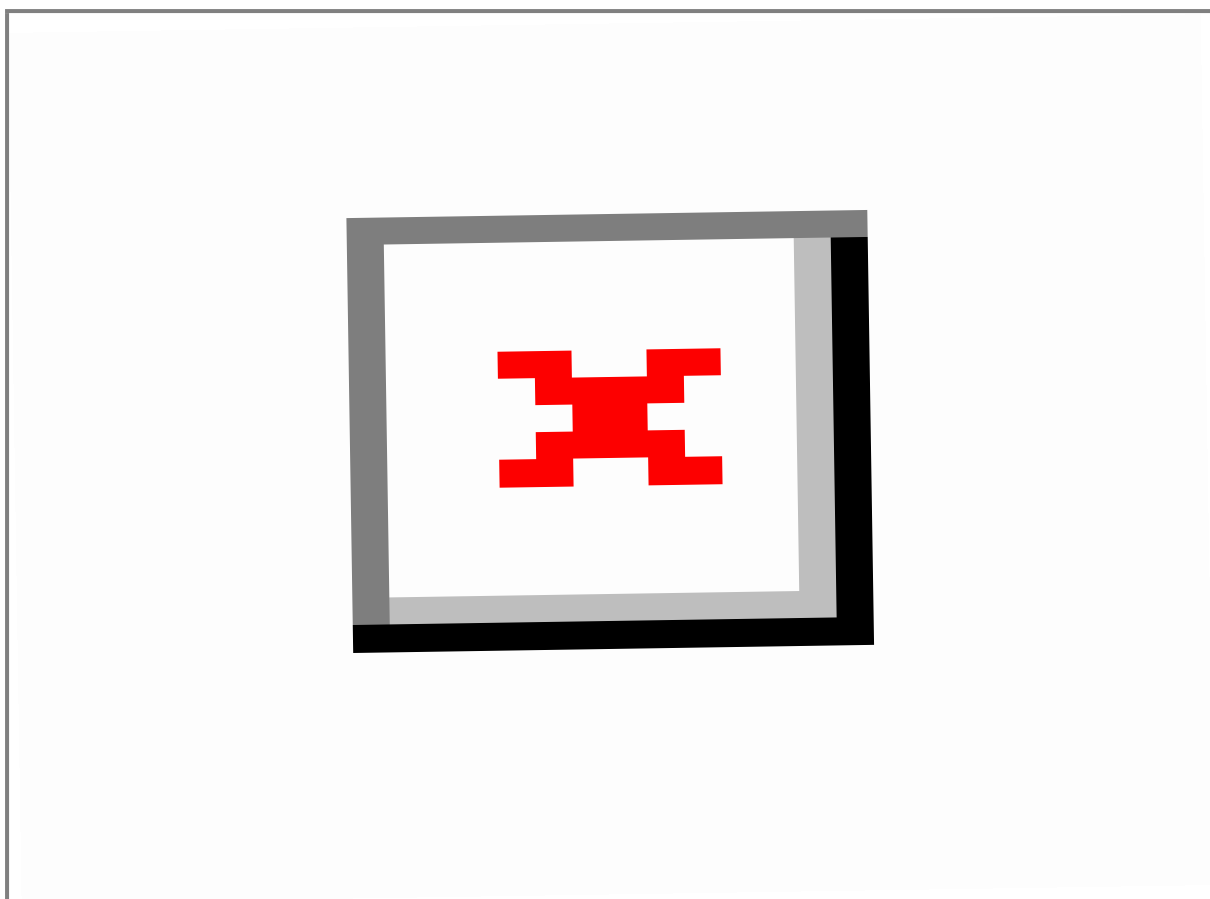


Fig. S5† Mass spectra of (a) DAEC (b) NMIC

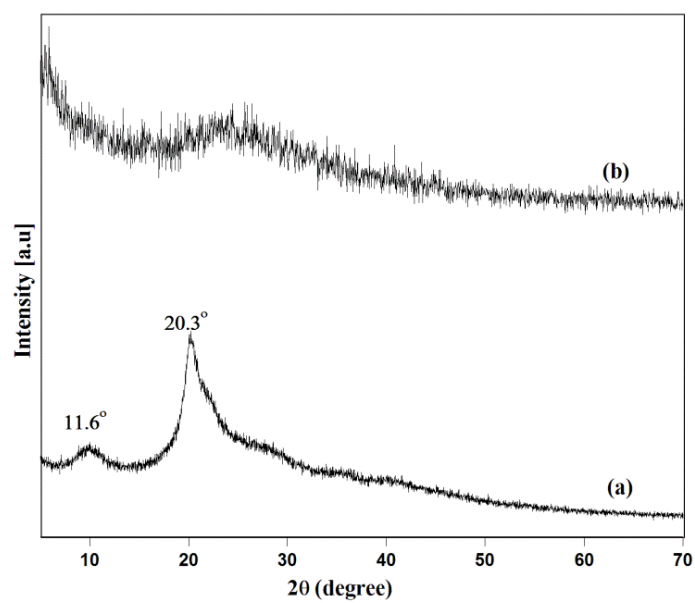


Fig. S6† XRD profiles of (a) Chitosan and (b) C-NMIC-NPs

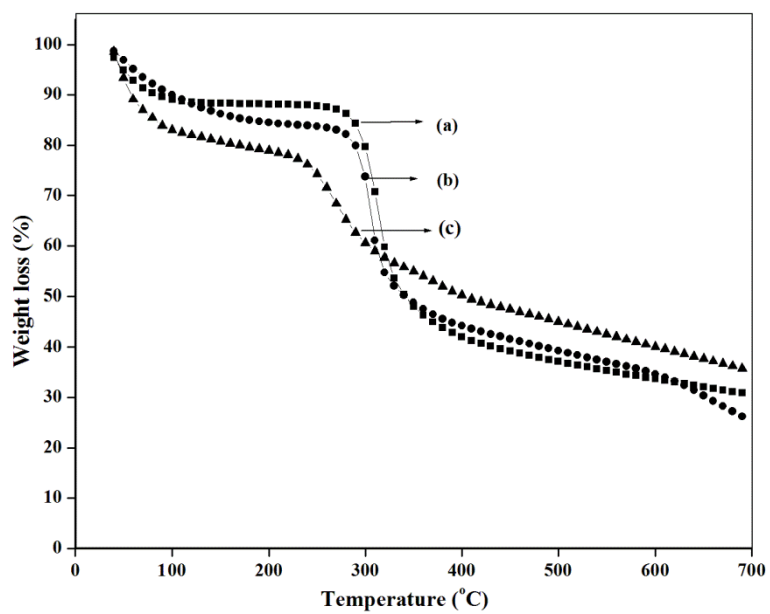


Fig. S7† TGA curves of (a) Chitosan, (b) C-NMIC and (c) C-NMIC-NPs

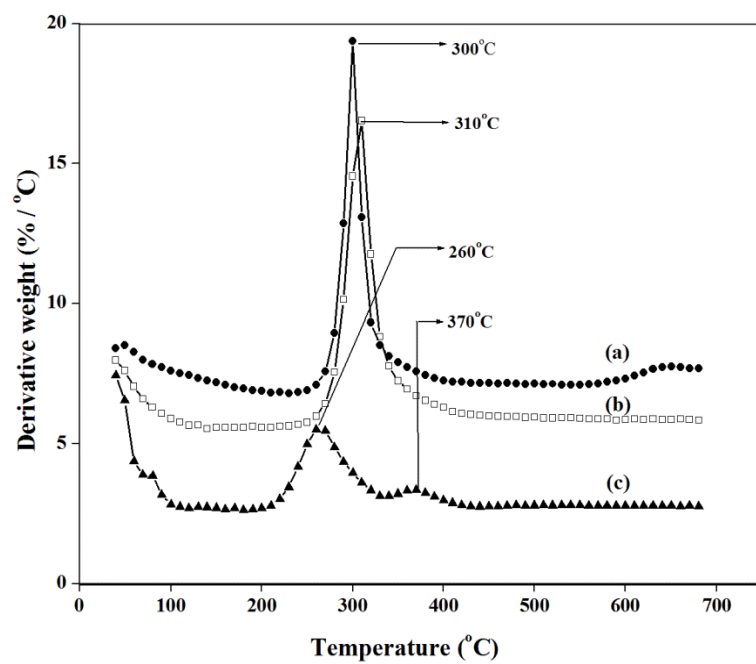


Fig. S8† DTG curves of (a) Chitosan (b) C-NMIC and (c) C-NMIC-NPs

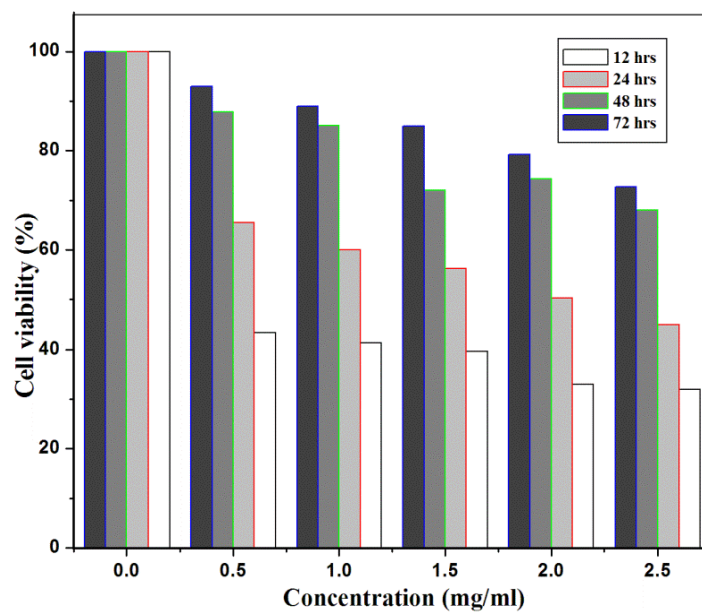


Fig. S9† Cell viability test performed on vero cell lines after cultivating with different Concentrations of C-NMIC-NPs

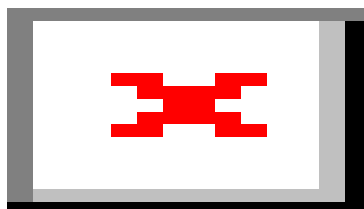


Fig. S10† MTT assay of (a) Control and (b) C-NMIC-Nps