

**Fig. S1** FTIR spectrum for poly (VAF-co-VSC-co-VGA)

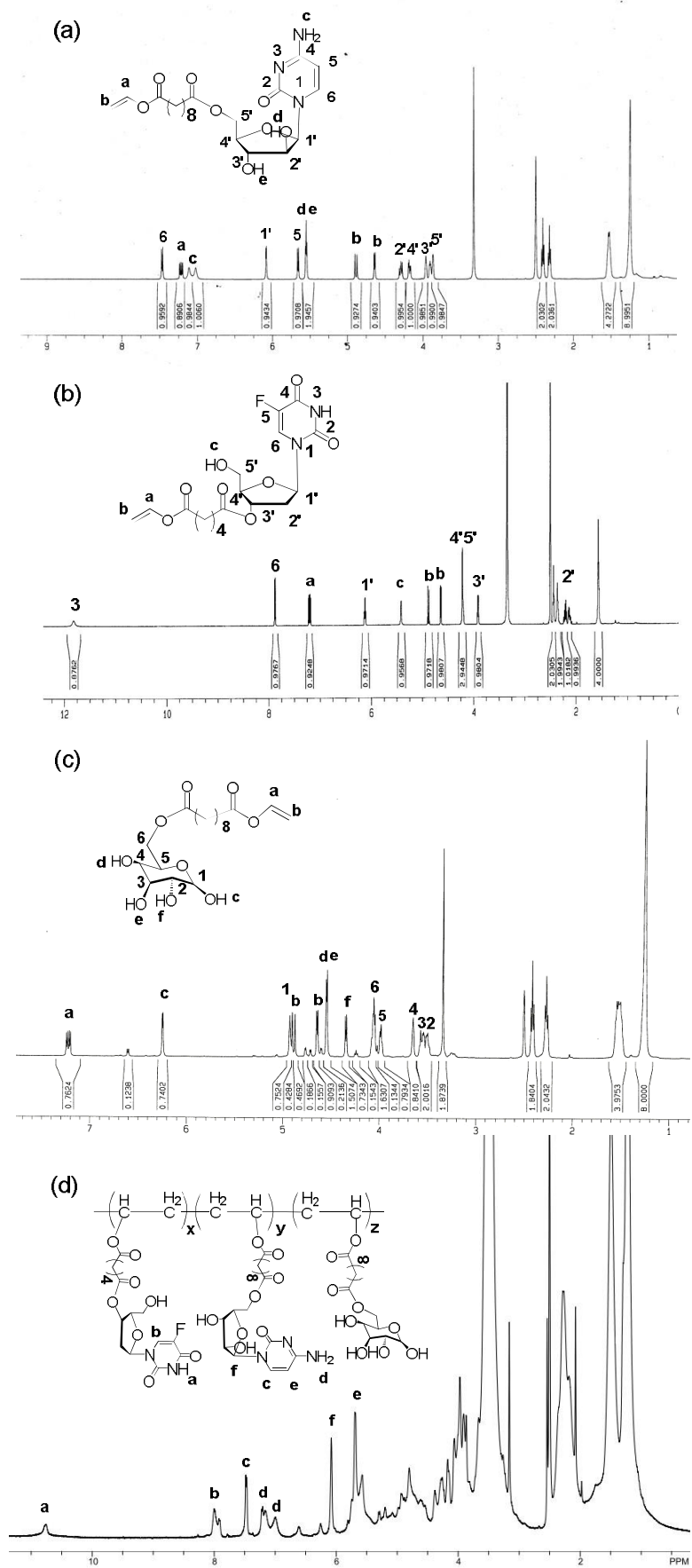


Fig. S2 <sup>1</sup>H NMR spectra of (a) VSC, (b) VAF, (c) VGA and (d) poly (VAF-co-VSC-co-VGA).