

Supporting Information

Functionalized Polycarbonate Derived from Tartaric Acid- Enzymatic Ring-Opening Polymerization of a Seven-Membered Cyclic Carbonate

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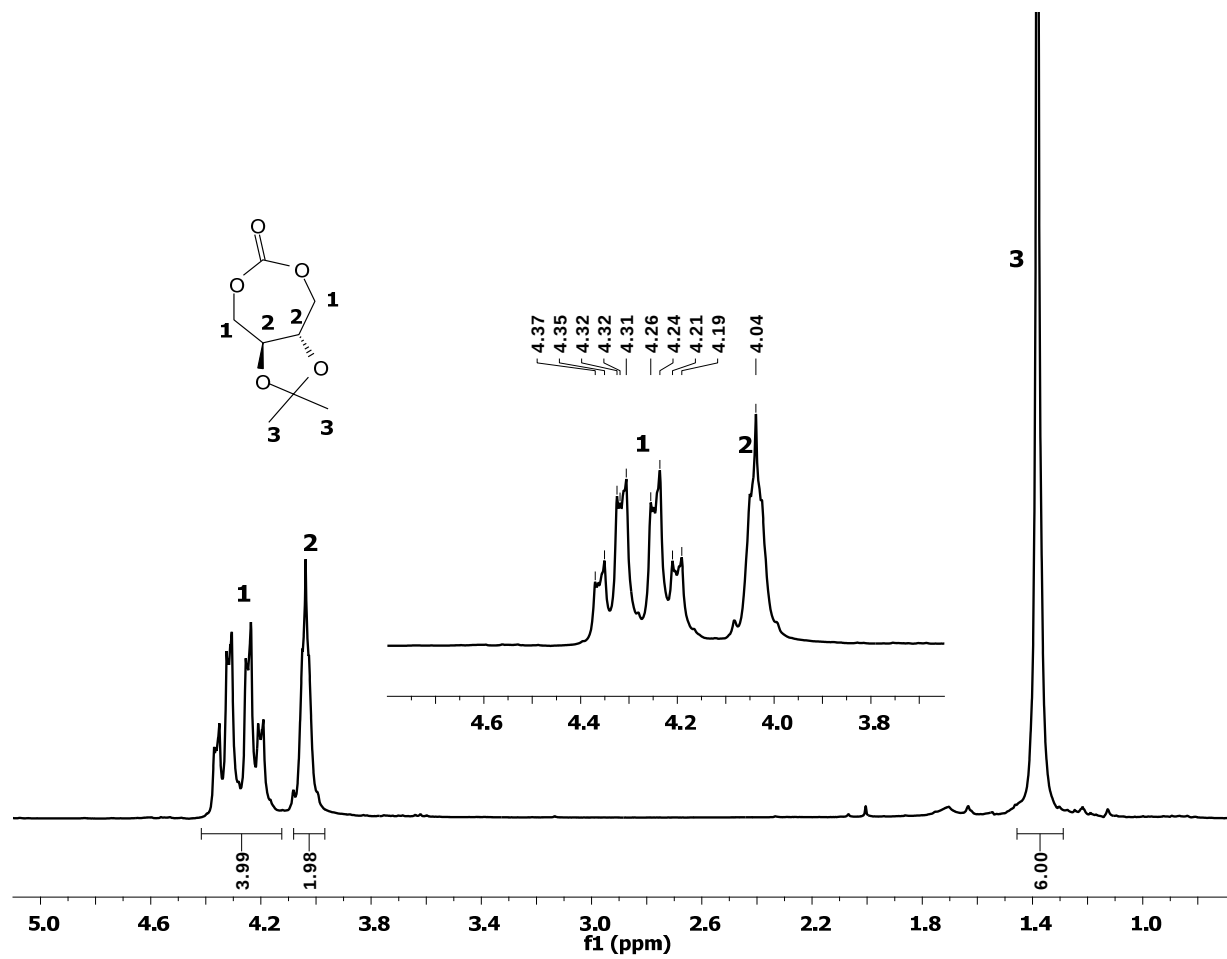


Figure S1. ¹H NMR (250 MHz, CDCl₃) spectrum of (5S, 6S)-Dimethyl 5,6-O-isopropylidene-1,3-dioxepin-2-one (ITC, **3**).

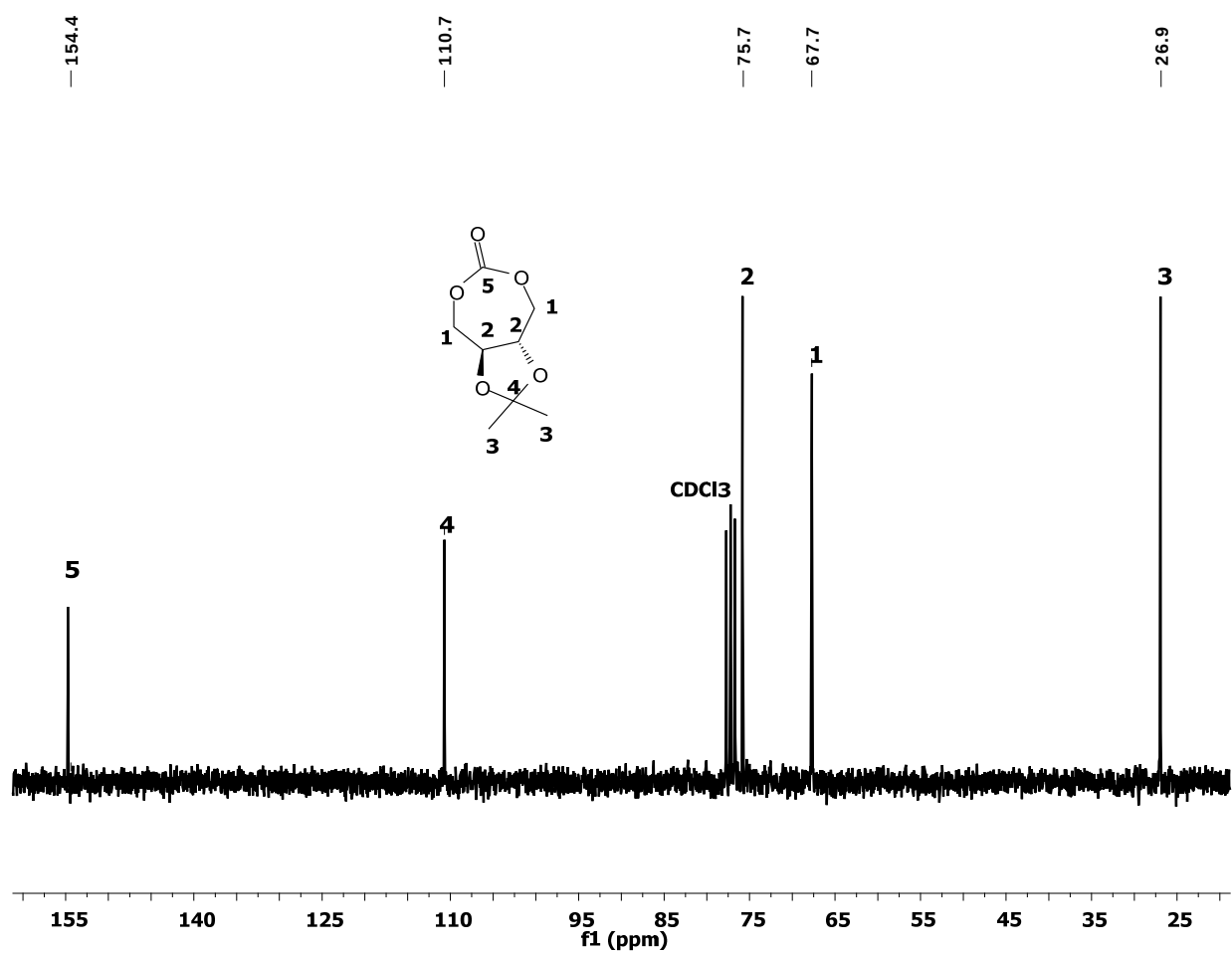


Figure S2. ^{13}C NMR (62.9 MHz, CDCl_3) spectrum of (5*S*, 6*S*)-Dimethyl 5,6-*O*-isopropylidene-1,3-dioxepin-2-one (ITC, **3**).

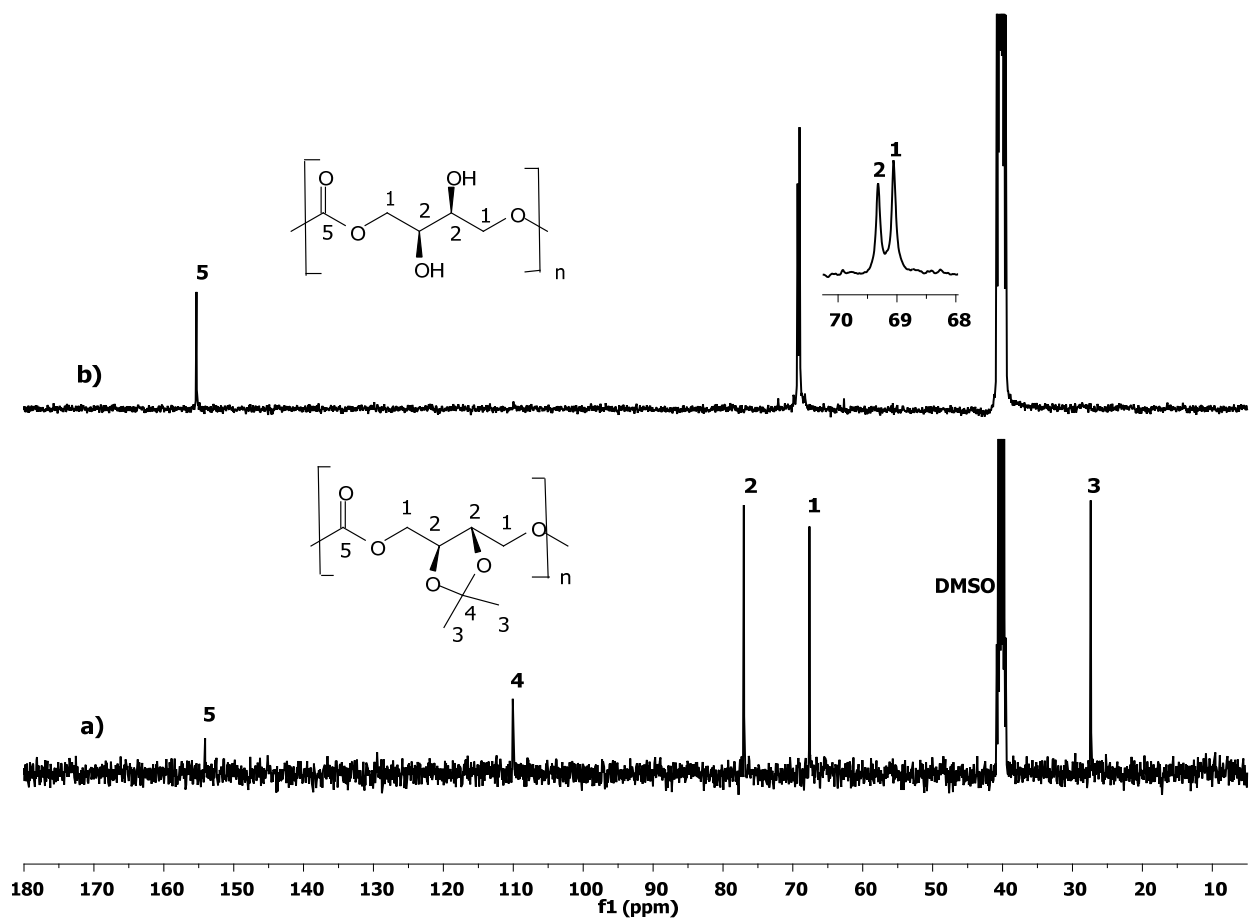


Figure S3. ^{13}C NMR (100 MHz, $\text{DMSO-}d_6$) spectra of Poly(ITC); (a) before de-protection [Table 2, entry 1]. (b) After de-protection [Table 2, entry 5].

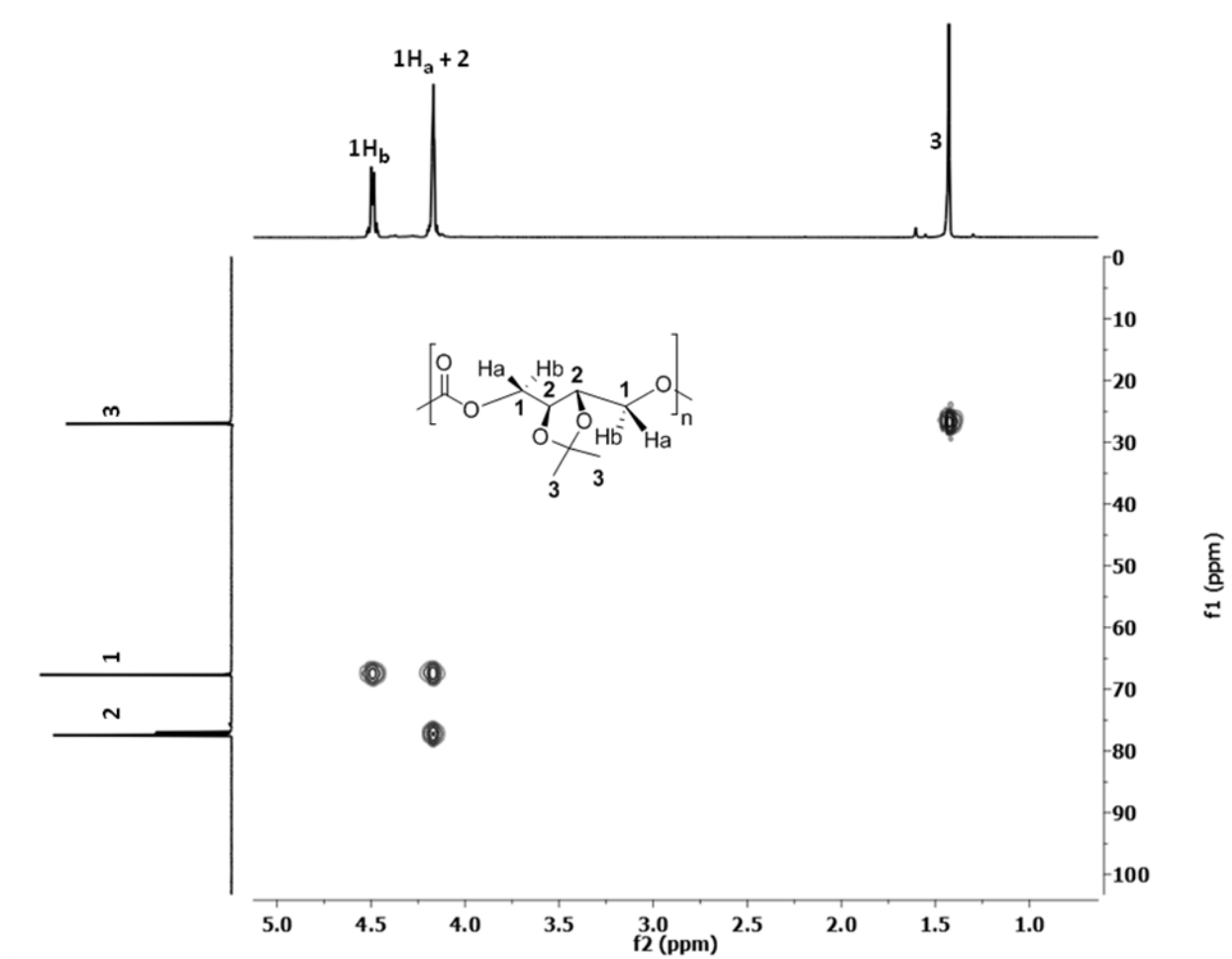


Figure S4. ^1H - ^{13}C HMQC-NMR (250 MHz, CDCl_3) spectra of Poly(ITC).