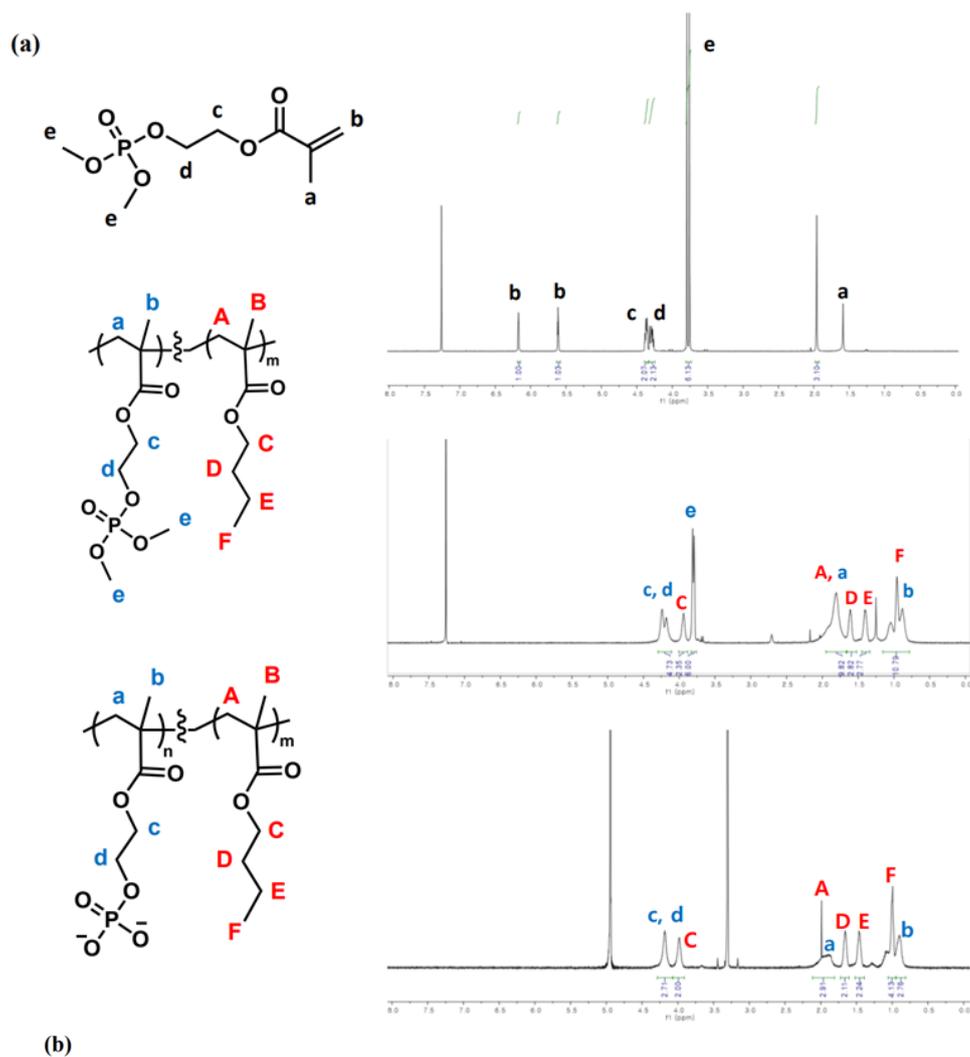


Supplementary Materials: Alleviation of Surgery-Induced Osteitis in Sinonasal Cavity by Dexamethasone-Loaded Poly(lactic-co-glycolic acid) (PLGA) Microparticles with Strong Calcium-Binding Affinity



^a Determined by ¹H NMR.

^b Determined by GPC using PEG standards.

Figure S1. Synthesis of poly(butyl methacrylate-co-methacryloyloxyethyl phosphate) (PBMP). (a) ¹H-NMR spectra of DMOEP in CDCl₃, poly(BMA-co-DMOEP) in CDCl₃, and PBMP in CD₃OD, respectively. (b) The composition and molecular weight information of PBMP.

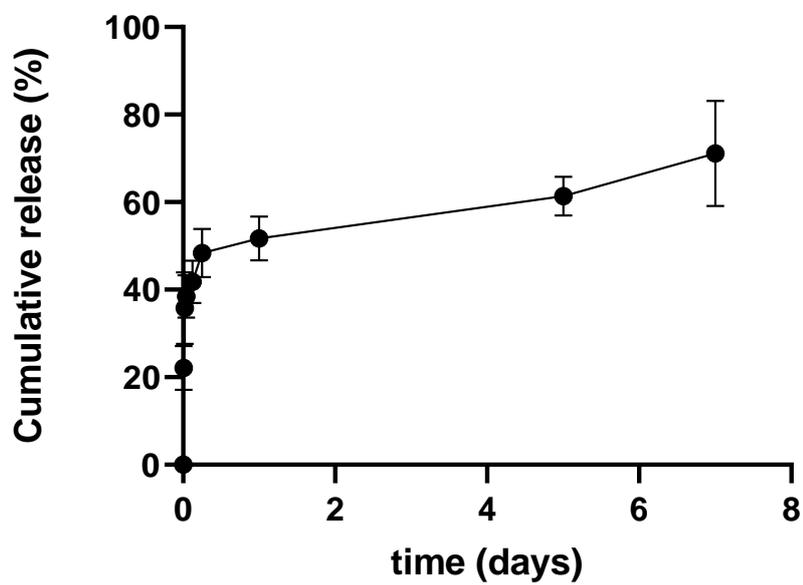


Figure S2. *In vitro* release profile of Dex-PLGA/PBMP microparticles in PBS medium at 37 °C. Each data point represents average \pm S.D. (n = 5).