Calcium supplement by tetracycline guided amorphous calcium carbonate potentiates osteoblast promotion for synergetic osteoporosis therapy

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Figure S1. *In vitro* cellular uptake of PL/ACC/Sim and Tc/ACC/Sim. Scale bar = 30 μm.

Figure S2. Western blot assay of BMP-Smad promotion efficacy of PL/ACC.
Figure S3. The calculated mean optical density (MOD) of ALP (A) and TRAP (B) corresponding to results in Figure 9. Results were expressed as mean ± S.D. \((n = 3)\).

Figure S4. The calculated MOD of HE corresponding to results in Figure 10. Results were expressed as mean ± S.D. \((n = 3)\).

Figure S5. The calculated MOD of BMP-2 (A), OPN (B) and OCN (C) corresponding to results in Figure 11. Results were expressed as mean ± S.D. \((n = 3)\).