

Table S1

Sol-gel transition temperature (T_{gel}) of bulk poloxamer gel determined by the stirring method.

Concentration of P407 (% w/w)	T_{gel} (°C)
15.0	37.7 ± 0.2
17.5	30.3 ± 0.1
20.0	25.8 ± 0.1
22.5	23.9 ± 0.2
25.0	22.4 ± 0.1
27.5	19.9 ± 0.2

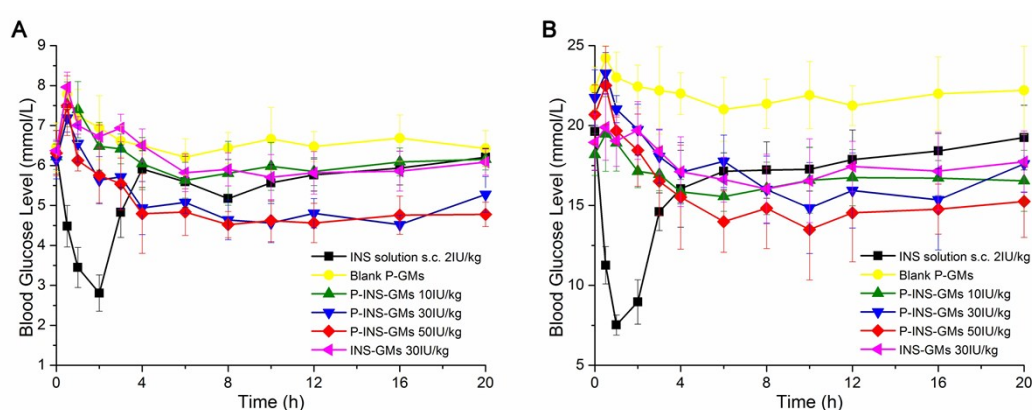


Fig. S1 The blood glucose level after oral administration of different INS-loaded formulations in normal (A) and diabetic (B) rats.

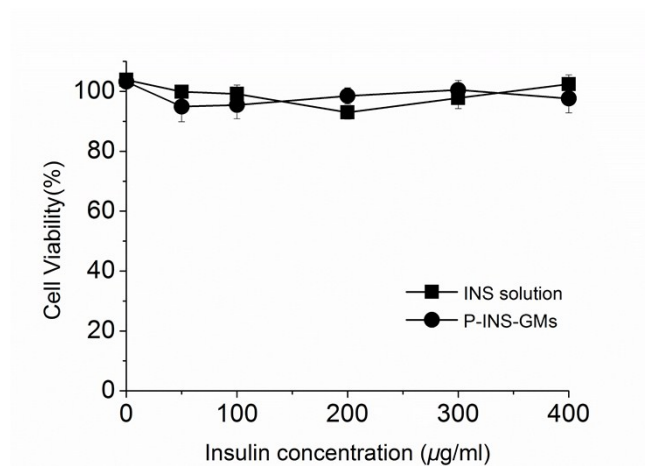


Fig. S2. Cell viability of caco-2 cells after incubation with P-INS-GMs within insulin concentration range of 50-400 µg/mL.