

FIGURE LEGENDS

Fig. S1. Experimental design of liquid SNEDDS formulations.

Fig. S2. Solubility results of sildenafil in 1% polymer (A), and 5% surfactant (B). Each value represents the mean \pm S.D. (n = 3).

Fig. S3. Aqueous solubility (A) and dissolution (B) of sildenafil in the various microspheres formulations. Each value represents the mean \pm S.D. (n=3). # means $p < 0.05$ compared to sildenafil powder, F1, F2 and F3. * means $p < 0.05$ compared to sildenafil powder, F1, F2, F3 and F4. ** means $p < 0.05$ compared to sildenafil powder, F1, F2, F3, F4, F5 and F6.

Fig. S4. Solubility results of sildenafil in oil samples. Each value represents the mean \pm S.D. (n = 3).