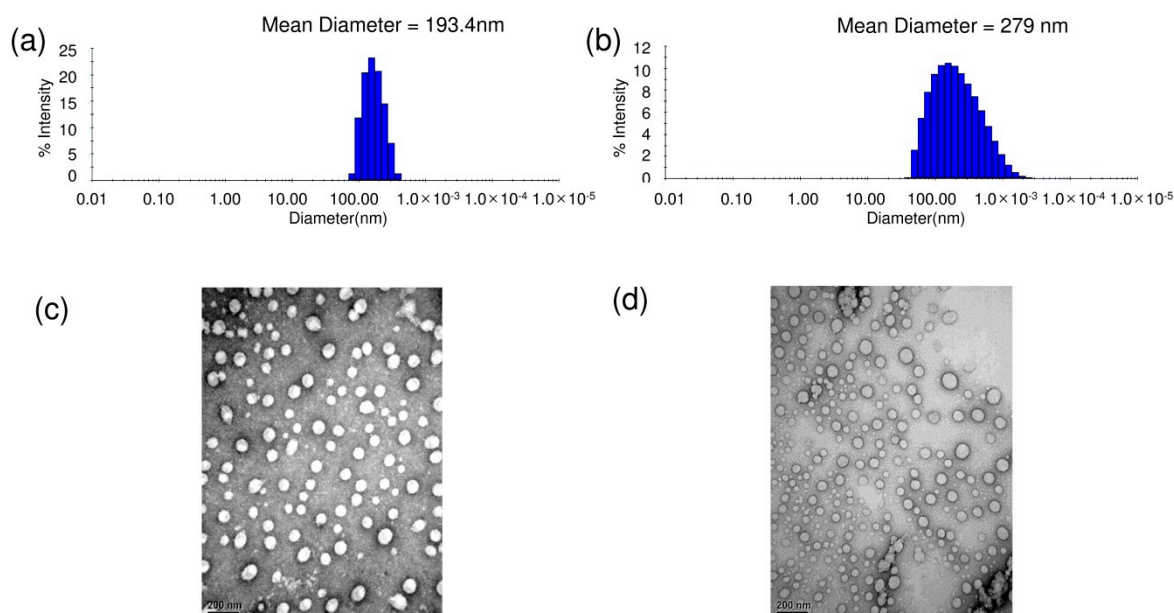
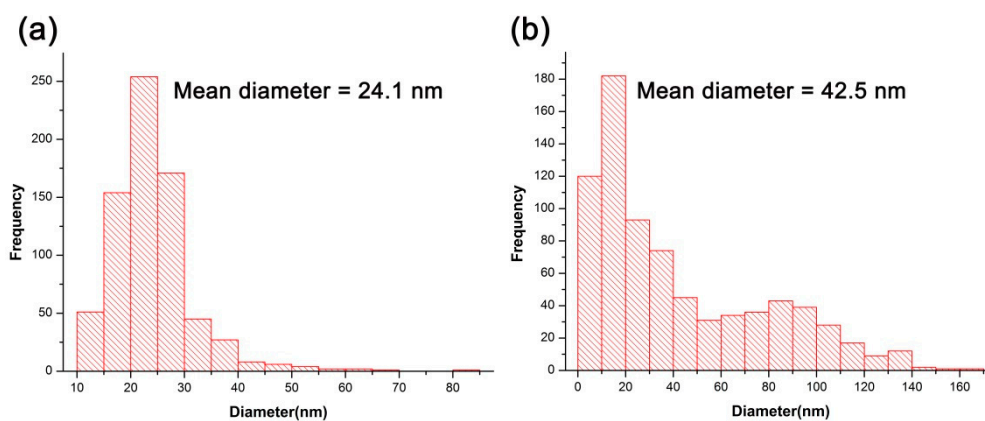


# Supplementary Materials: Synthesis, Characterization, and Retinol Stabilization of Fatty Amide- $\beta$ -cyclodextrin Conjugates

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**Figure S1.** DLS profiles. (a) all-*trans*-retinol/S- $\beta$ -CD nano-vesicles; (b) all-*trans*-retinol/O- $\beta$ -CD nano-vesicles. TEM images. (c) all-*trans*-retinol/S- $\beta$ -CD nano-vesicles (scale bar = 200 nm); (d) all-*trans*-retinol/O- $\beta$ -CD nano-vesicles (scale bar = 200 nm).



**Figure S2.** Particle size distributions. (a) S- $\beta$ -CD. (b) O- $\beta$ -CD. For these histograms, a total of 726 (S- $\beta$ -CD) and 766 (O- $\beta$ -CD) nano-vesicles from representative TEM images (Figure 5d,e) were analyzed.