Supporting Information For

Preparation, properties and in vivo pharmacokinetic study of drug vesicles composed of diphenhydramine and AOT

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Scheme S1 Molecular structures of AOT and DH.
Fig. S1 Peak fitting to Hydrodynamic diameter ($D_h$) distributions of the samples at $X_1=0.1$ (A) and $X_1=0.3$ (B).

Fig. S2 Linear fitting of various models to the release of DH from different samples in a phosphate buffer at pH 7.4. Fits by (a) zero-order model, (b) first-order model, (c) Higuchi model, (d) Ritger-Peppas model