

Stabilization of unilamellar catanionic vesicles induced by β -cyclodextrins: a strategy for a tunable drug delivery depot

Gesmi Milcovich,^a Filipe E. Antunes,^b Mario Grassi,^{c*} Fioretta Asaro^a

^a Department of Chemical and Pharmaceutical Sciences, University of Trieste, via L. Giorgieri 1, 34127 Trieste, Italy

^b Coimbra Chemistry Centre, Dept. of Chemistry, University of Coimbra, Rua Larga, Coimbra, Portugal

^c Department of Engineering and Architecture, University of Trieste, via A. Valerio 6/A, 34127 Trieste, Italy

*Corresponding author. E-mail: mario.grassi@dia.units.it

Supplementary Information

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- S3. ¹H-NMR spectra of CTAB, SDS and catanionic vesicles, in presence of β -cyclodextrin.
- S4. 2D Plot of DOSY for vesicles with β -cyclodextrin.

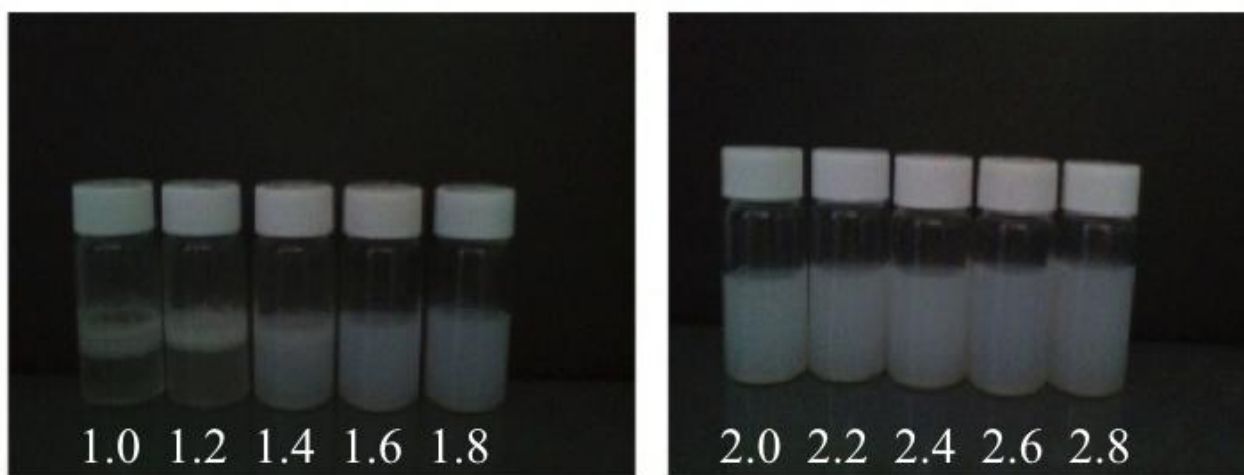


Figure S1. Visual image of β -cyclodextrin doped vesicles sample range. Numbers refer to the (R) vesicles molar ratio, according to equation (1).

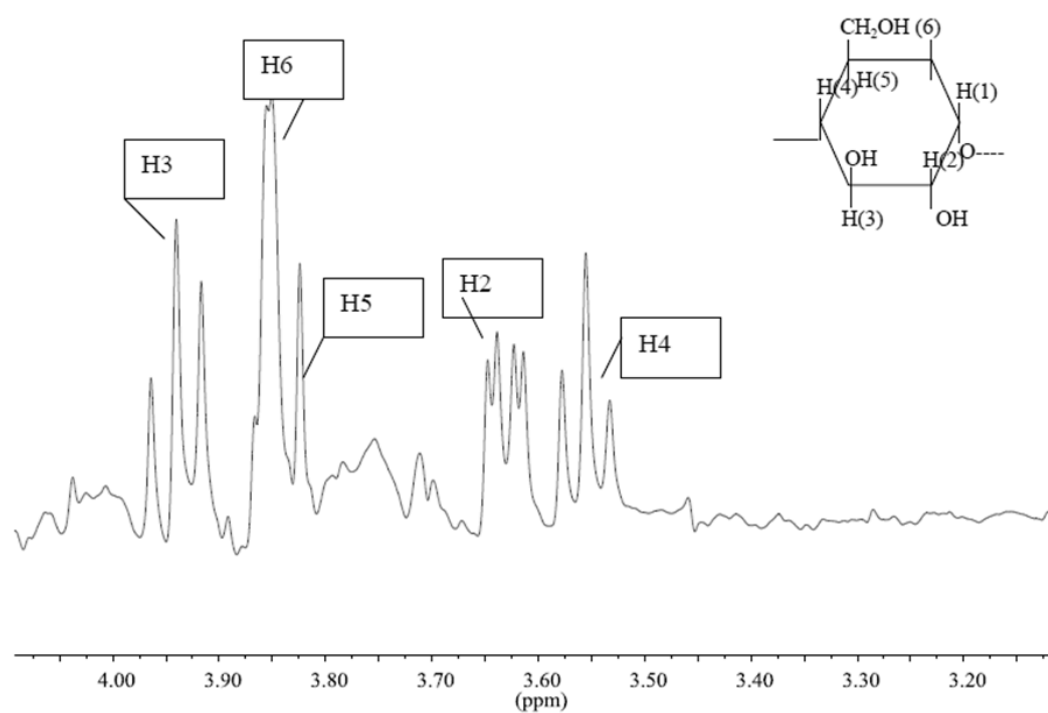


Figure S2. $^1\text{H-NMR}$ β -cyclodextrin peaks assignment.

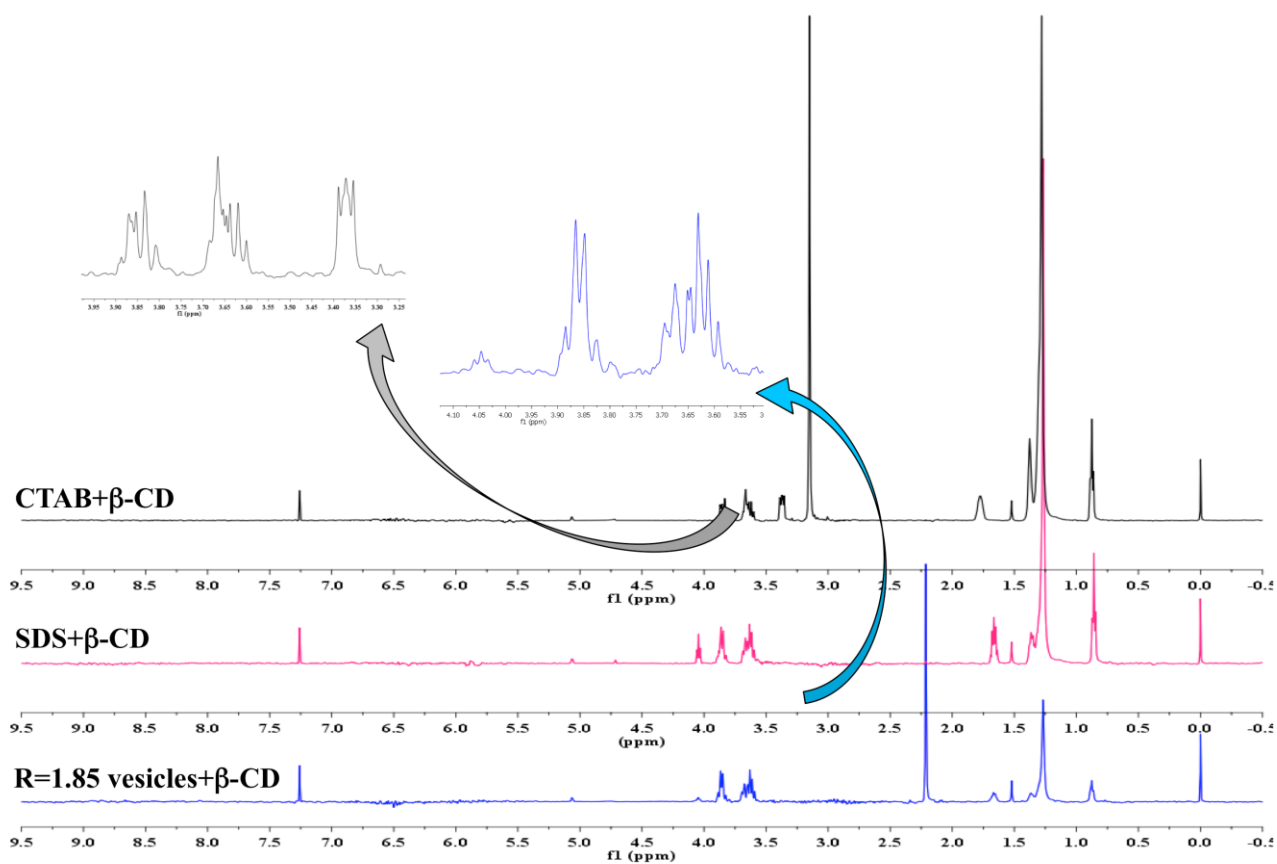


Figure S3. Comparison of $^1\text{H-NMR}$ spectra of CTAB, SDS and catanionic vesicles, in presence of β -cyclodextrin. Spectra recorded in water solvent, all referred to the peak of TMS contained in a coaxial tube.

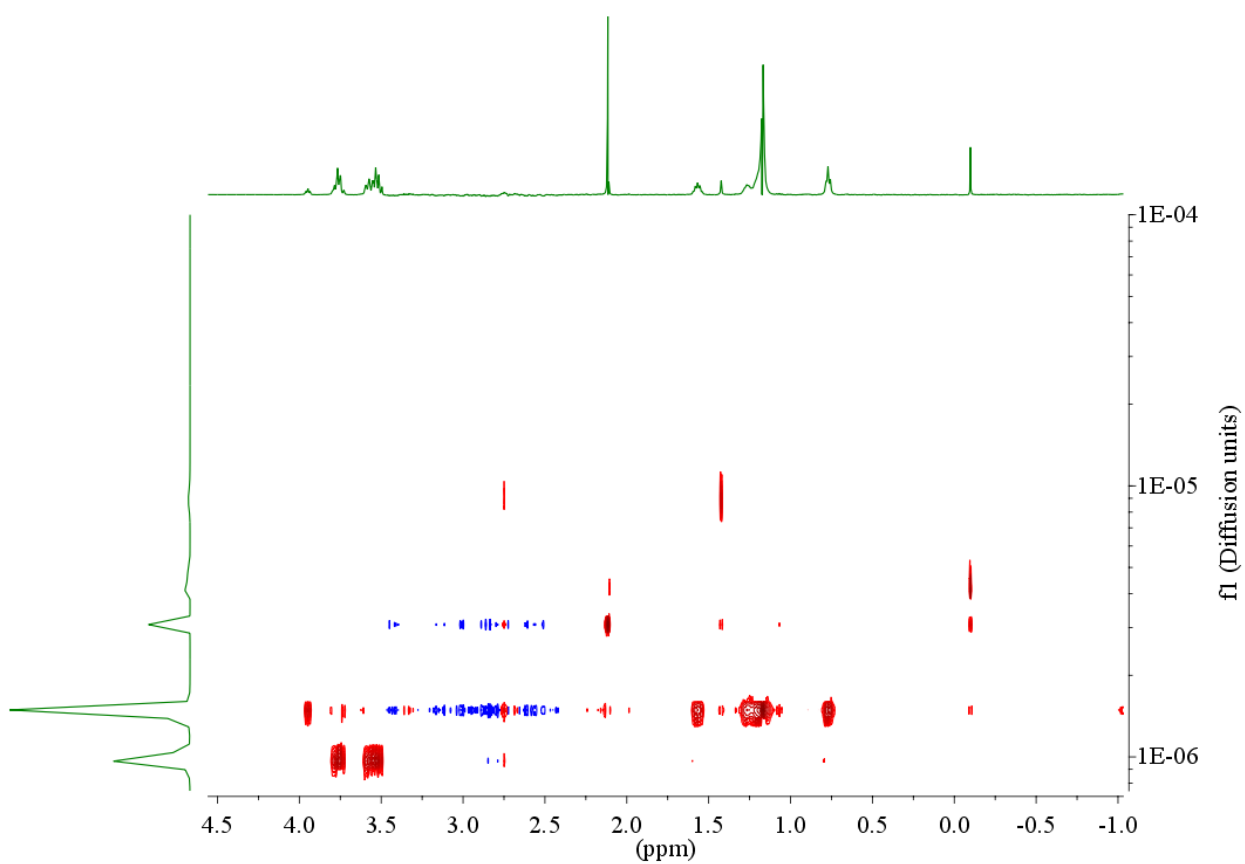


Figure S4. 2D Plot of a one-shot DOSY experiment at 30°C ($\Delta=60\text{ms}$) for vesicles with β -cyclodextrin (diffusion units corresponding to $[\text{cm}^2\text{s}^{-1}]$).