

Electronic Supplementary Information

pH-Responsive self-assembly of cationic surfactants with a star-shaped tetra-carboxylate acid and the solubilization of hydrophobic drugs

Ruilian Qi,^{ab} Zhang Liu,^a Chengcheng Zhou,^{ab} Yuchun Han,^{*a} and Yilin Wang^{*ab}

^a Key Laboratory of Colloid, Interface and Chemical Thermodynamics, Beijing National Laboratory for Molecular Sciences (BNLMS), CAS Research/Education Center for Excellence in Molecular Sciences, Institute of Chemistry, Chinese Academy of Sciences, Beijing 100190, P. R. China

^b University of Chinese Academy of Sciences, Beijing 100049, P. R. China

1. Surface tension curve of 12-6-12 in the presence of 1.00 mM 4EOCOOH at pH 7.0

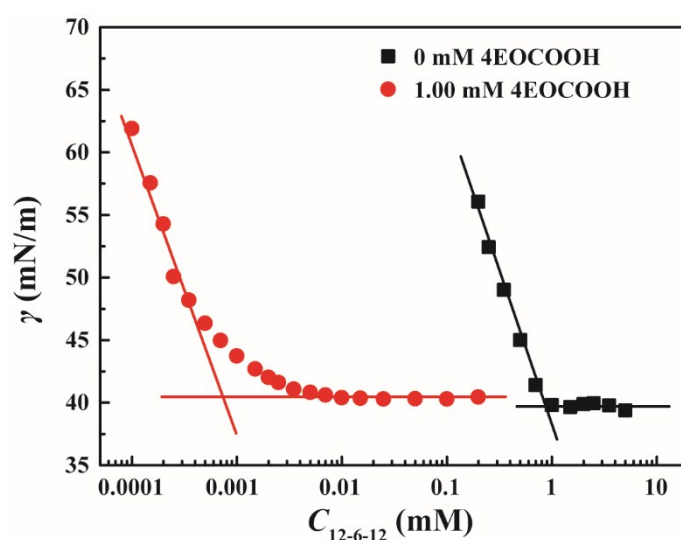


Fig. S1 Surface tension curve of 12-6-12 in the presence of 1.00 mM 4EOCOOH (●) and absence of 4EOCOOH (■) at pH 7.0.

2. Surface tension curve of DTAB in the presence of 1.00 mM 4EOCOOH at pH 7.0

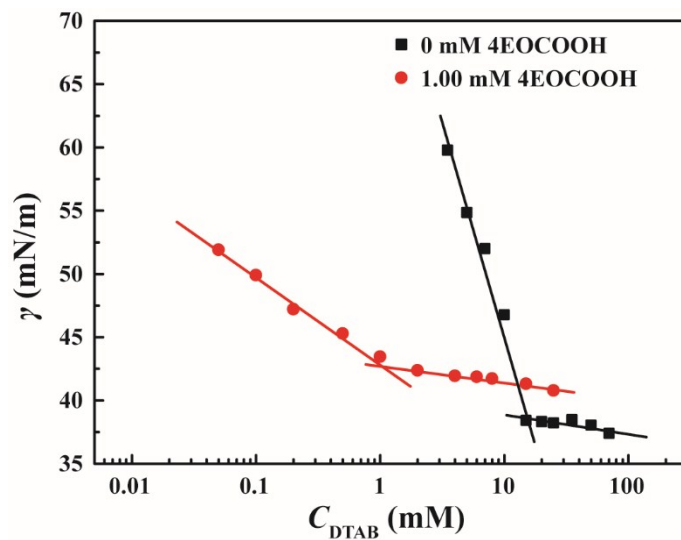


Fig. S2 Surface tension curve of DTAB in the presence of 1.00 mM 4EOCOOH (●) and absence of 4EOCOOH (■) at pH 7.0.