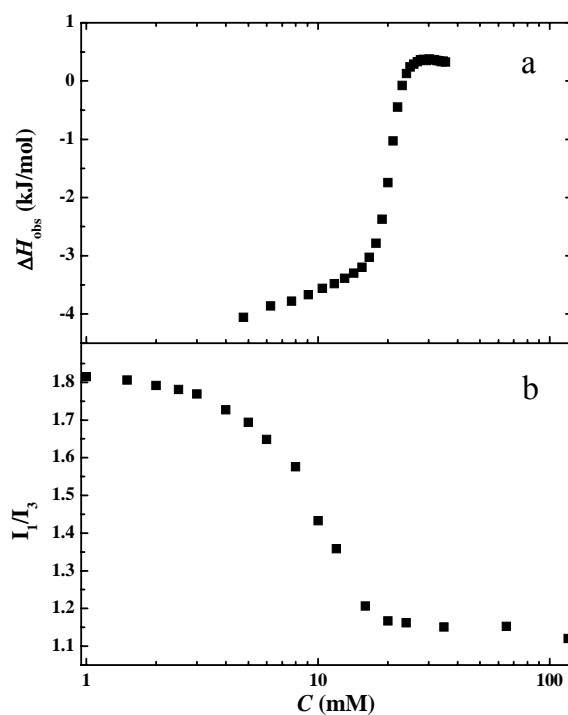


## Supporting Information

### Micellization-Induced Conformational Change of a Chiral Proline Surfactant

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**Figure S1.** Variation of a) observed enthalpy and b) pyrene polarity index  $I_1/I_3$  with the SDHP concentration.

**Table S1.** pH values for SDHP solutions at different concentrations ( $pK_a = 4.9$ ).

C (mM)	4	10	80
pH	7.13	7.26	8.33

**Table S2.** The CMCs (mM) determined from NMR signals of different protons.

signals	CMC of <i>Z</i>	CMC of <i>E</i>	weighted apparent CMC
$\gamma$	17.8	20.2	18.4
$\delta$	17.7	20.8	18.5