

## **Supporting Information**

# **Effect of Polyoxyethylene Type Nonionic Surfactant and Polar Lipophilic Oil on Solubilization of Mixed Surfactant Microemulsion Systems**

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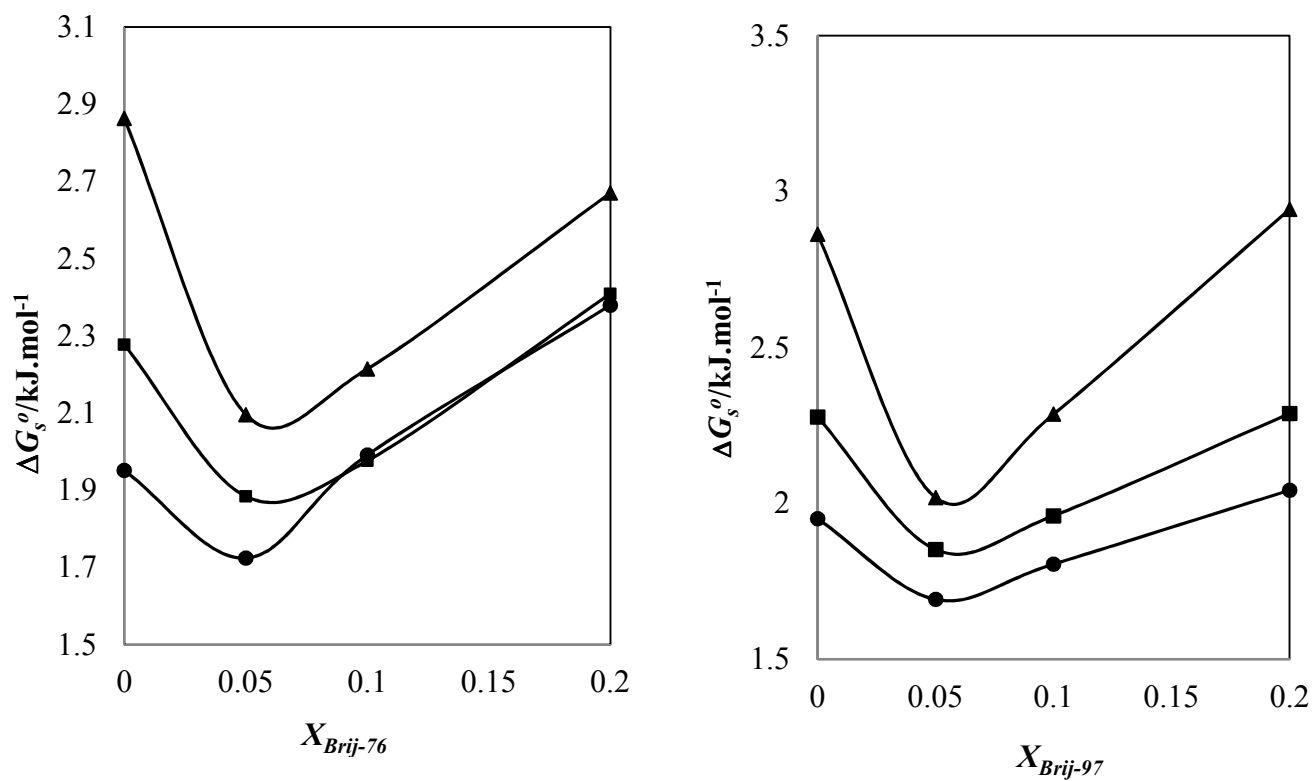
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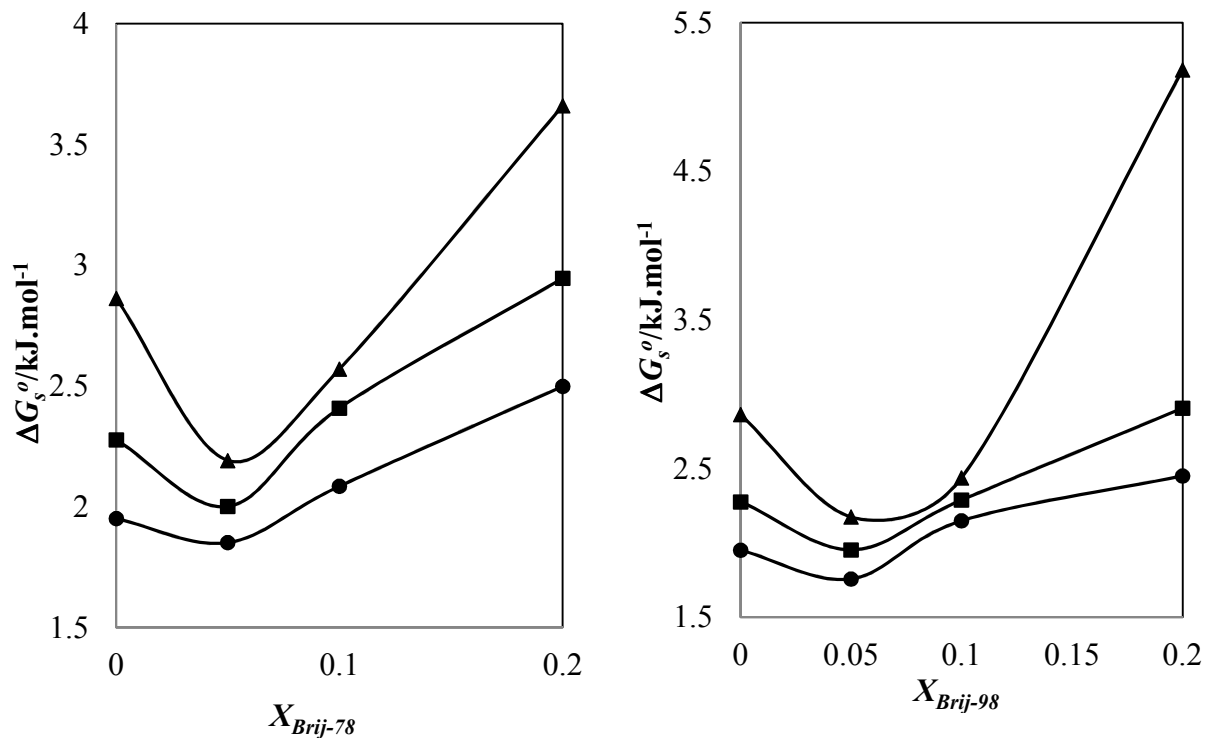
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**Figure S1.** Free energy of dissolution of water,  $\Delta G_s^0 / \text{kJ.mol}^{-1}$  of mixed AOT/Brij-76 or Brij-97/EM or IPM or IPP/water microemulsion systems as a function of Brij-76 or Brij-97 content,  $X_{\text{Brij-76}}$  or  $X_{\text{Brij-97}}$  at fixed total surfactant concentration of  $0.10 \text{ mol.kg}^{-1}$  and at 303 K. ●, EM; ■, IPM; and ▲, IPP.



**Figure S2.** Free energy of dissolution of water  $\Delta G_s^0/\text{kJ.mol}^{-1}$  of mixed AOT/Brij-78 or Brij-98/EM or IPM or IPP/water microemulsion systems as a function of Brij-78 or Brij-98 content,  $X_{\text{Brij-78}}$  or  $X_{\text{Brij-98}}$  at fixed total surfactant concentration of  $0.10 \text{ mol.kg}^{-1}$  and at 303 K. ●, EM; ■, IPM; and ▲, IPP.