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Title: Tailoring the Interfacial and Bulk Behavior of Ionic-liquids with Non surface Active Drug Diclofenac Sodium

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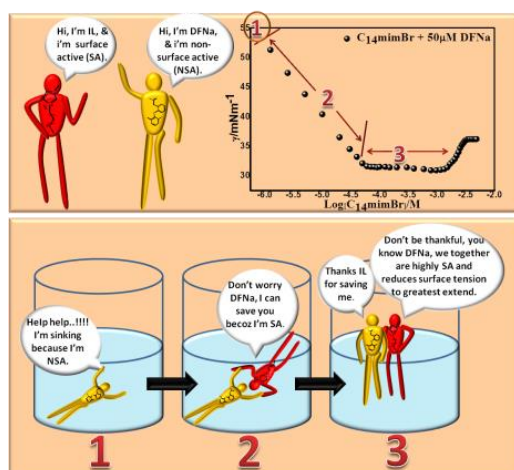
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Graphical Abstract



Highlights

- Interactions of ionic liquids and diclofenac sodium
- Highly surface active catanionic mixture at extremely low concentration of diclofenac sodium and ionic liquid
- Electrostatic and hydrophobic interactions and formation of four distinct interactional states; ion-pairs, pre-micelles, DFNa-rich micelles, IL-rich micelles.

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