

Protein gymnastics in the protic ionic liquid “pIL” milieu, and what it all might mean.

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Abstract

“GdnHCl as a protein refolding agent”, “reversible fibrilization”, etc are just two of the surprises that greet the researcher who leaves the familiar though difficult world of proteins in aqueous buffers. Can there be some special reason why proteins are so happy in a mobile “soup” that is 5-15M in weak field ions?