Ionic liquids as effective additives to enhance the solubility and permeation for puerarin and ferulic acid

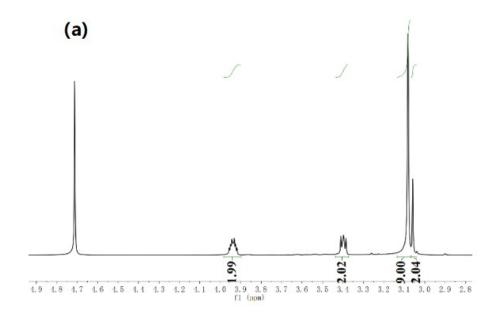
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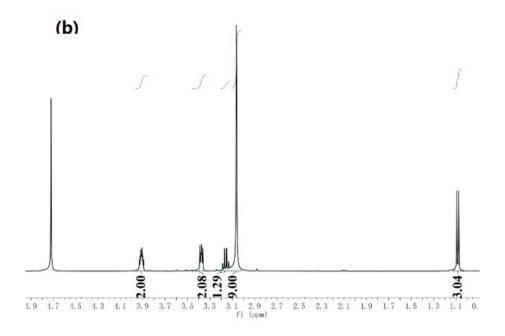
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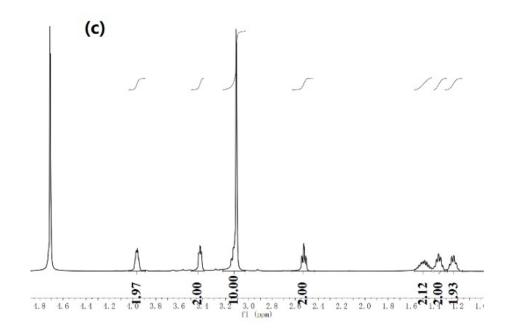
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Technology, Shanghai 200237, China

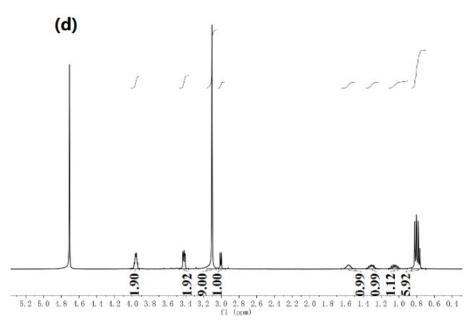
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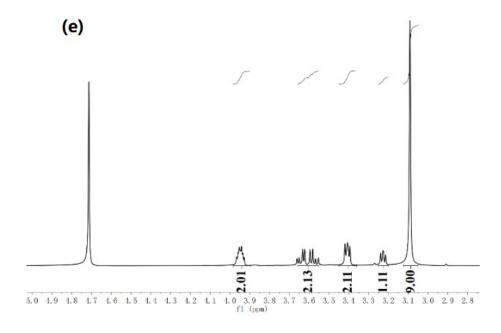
§ These two authors contributed equally to this work.











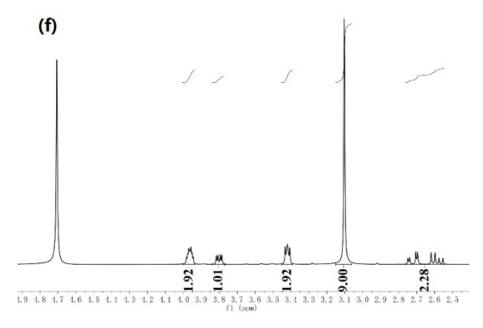


Fig. S1 1 HNMR (400 MHz,D₂O) spectra for CHAAILs: (a) [Ch][Gly], (b) [Ch][Ala], (c) [Ch][Lys], (d) [Ch][Ile], (e) [Ch][Ser], and (f) [Ch][Asp]

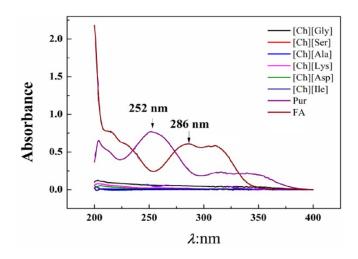


Figure S2 UV-vis spectra of PBS solutions of APIs and CHAAILs. Pur and FA refer to puerarin and ferulic acid, respectively.

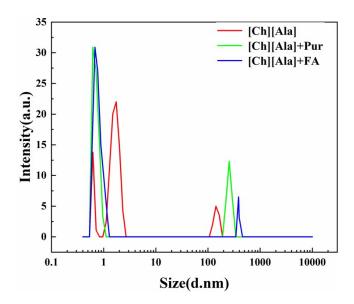


Figure S3 DLS measurements on the solution of (a) ferulic acid and (b) puerarin in the absence and presence of [Ch][Ala]. Pur and FA refer to puerarin and ferulic acid, respectively.