

Supplementary Material

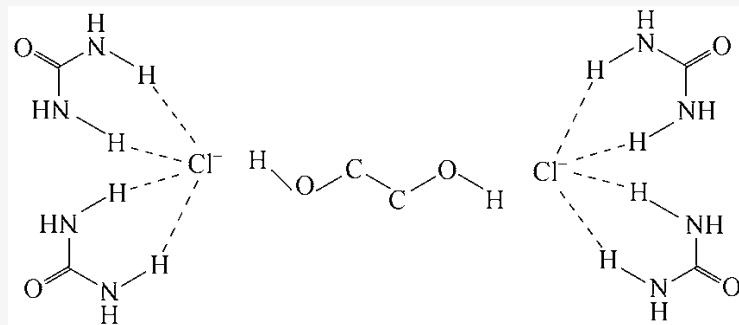


Figure 1. Formation diagram of hydrogen bonds between ChCl and EG.

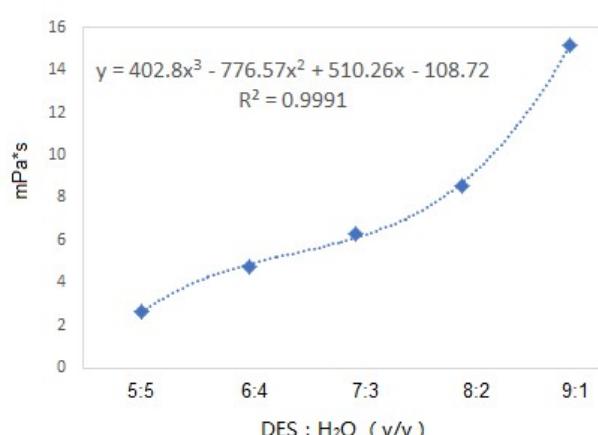


Figure S2. Effect of water content on the viscosity of DES solution

Table S1. Parameters of homogenate-assisted and vacuum-cavitation extraction

No.	Operation	Solid-Liquid Ratio (g/mL)	Duration Time (min)	Solvent	Total Phenolic Content (mg/g)
1-1	homogenate	1:15	2.0	DES	8.75 ± 0.16
1-2	homogenate	1:15	2.0	Pure water	1.97 ± 0.04
1-3	homogenate	1:15	2.0	80% methanol	6.44 ± 0.11
2-1	vacuum-cavitation	1:15	25.0	DES	90.33 ± 1.89
2-2	vacuum-cavitation	1:15	25.0	Pure water	21.44 ± 0.44
2-3	vacuum-cavitation	1:15	25.0	80% methanol	74.55 ± 1.23
3-1	ultrasonic-assisted	1:15	25.0	DES	84.32 ± 1.98
3-2	ultrasonic-assisted	1:15	25.0	Pure water	17.25 ± 0.64
3-3	ultrasonic-assisted	1:15	25.0	80% methanol	64.83 ± 1.14