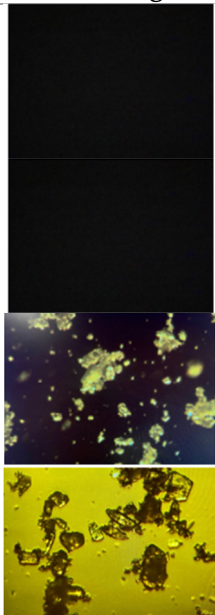


Supplementary Materials: Deep Eutectic Solvents for Improving the Solubilization and Delivery of Dapsone

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Table S1. Experimental POM images of the prepared DESs.

DESs	HBA	HBD	HBA/HBD molar ratio	Aspect	POM images
CC:AA	CC	AA	2:1	Viscous yellow liquid	
CC:PG	CC	PG	1:3	Transparent liquid	
CC:DAP	CC	DAP	1:1	Viscous liquid that rapidly solidified at rt	
			1:2	Solid	

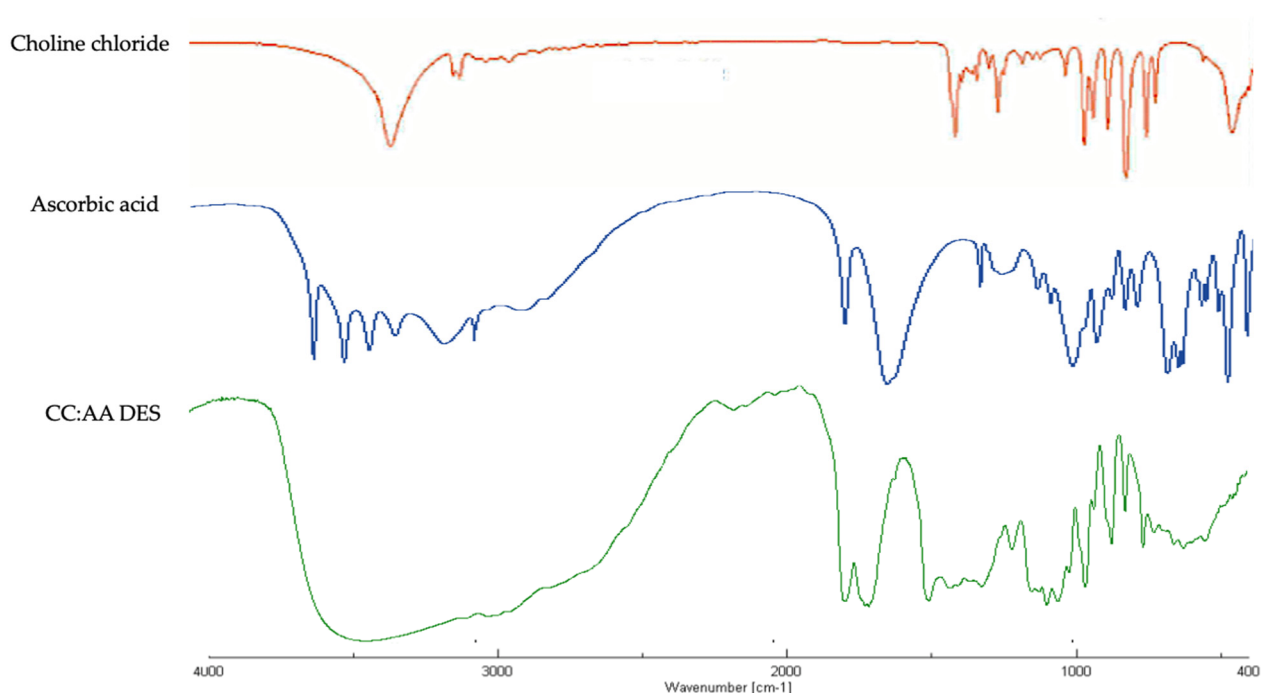


Figure S1. FTIR spectra of choline chloride, ascorbic acid and CC:AA DES (2:1).

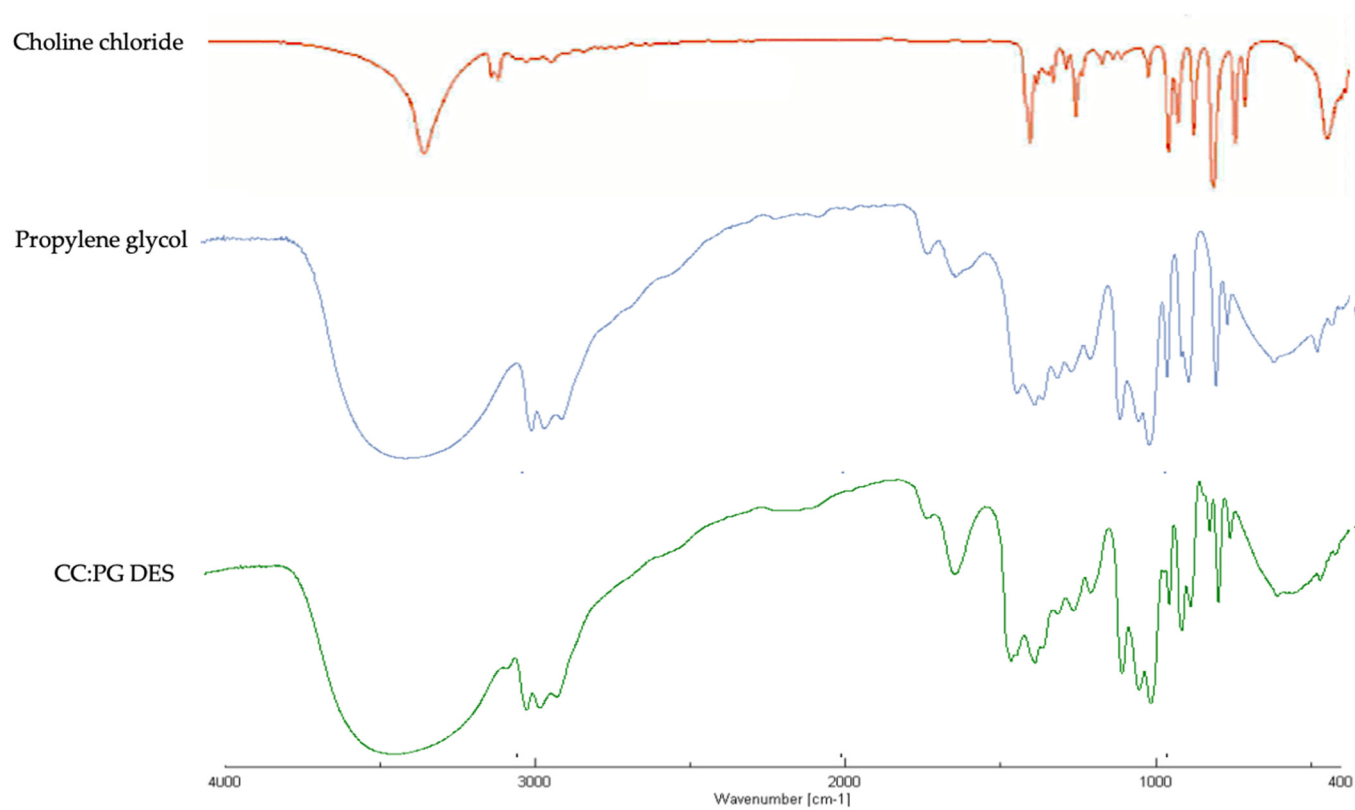
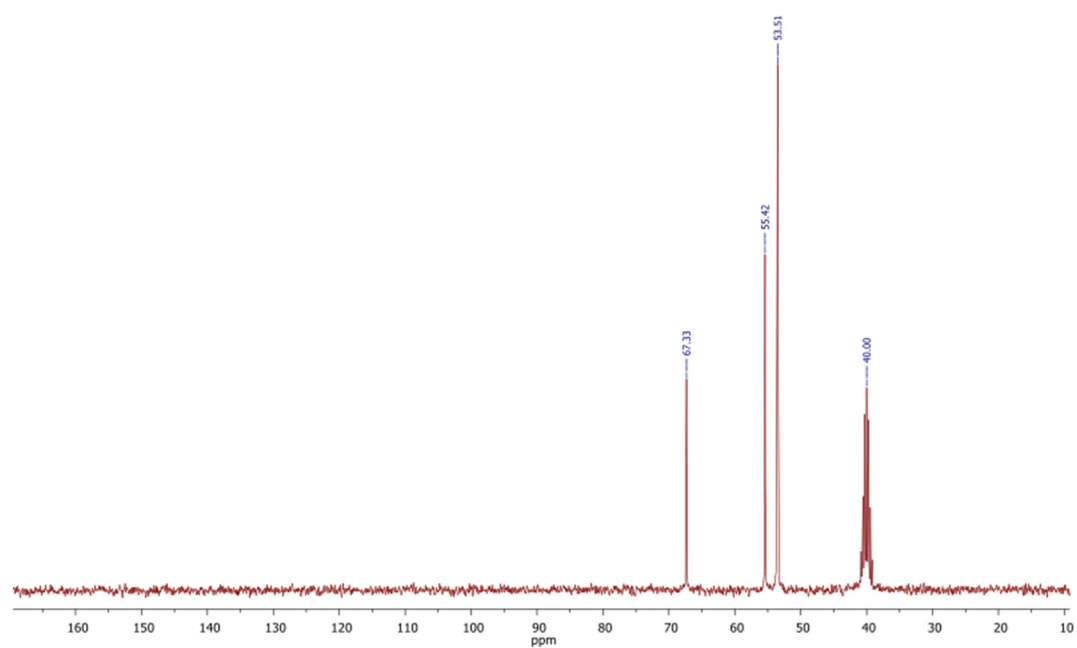
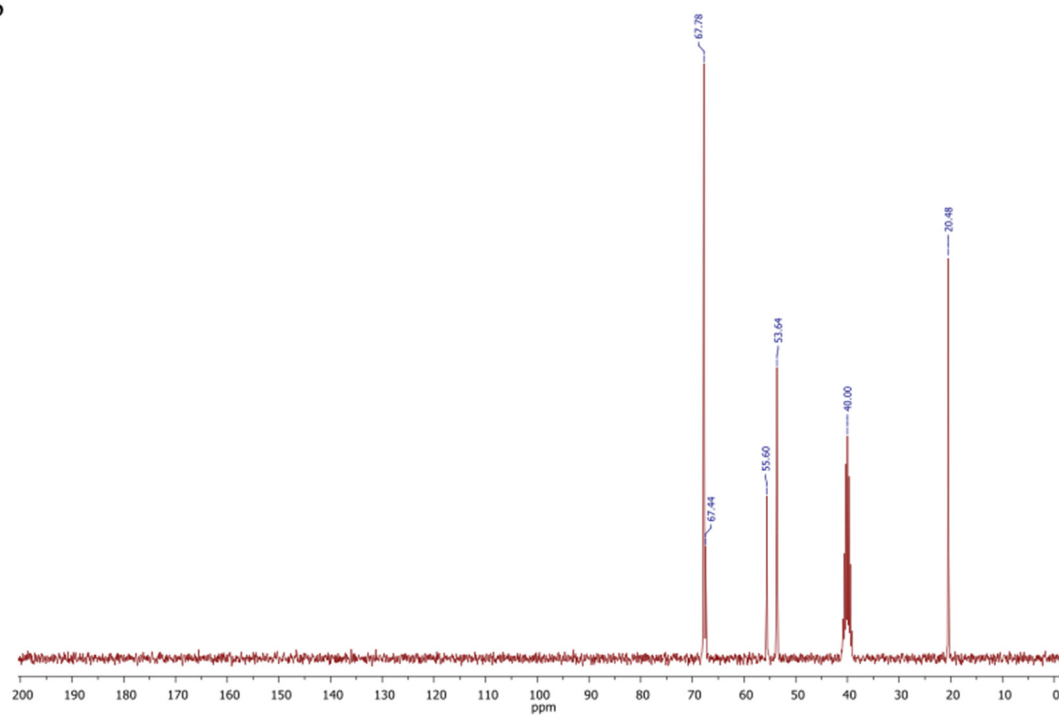
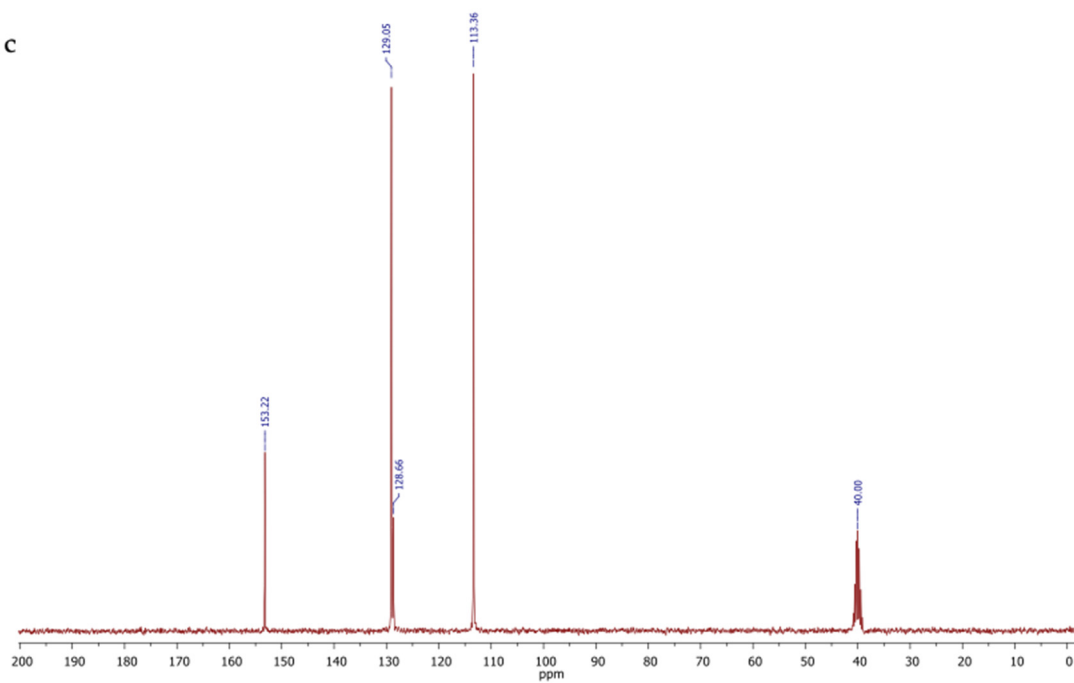


Figure S2. FTIR spectra of choline chloride, propylene glycol and CC:PG DES (1:3).

a



b**c**

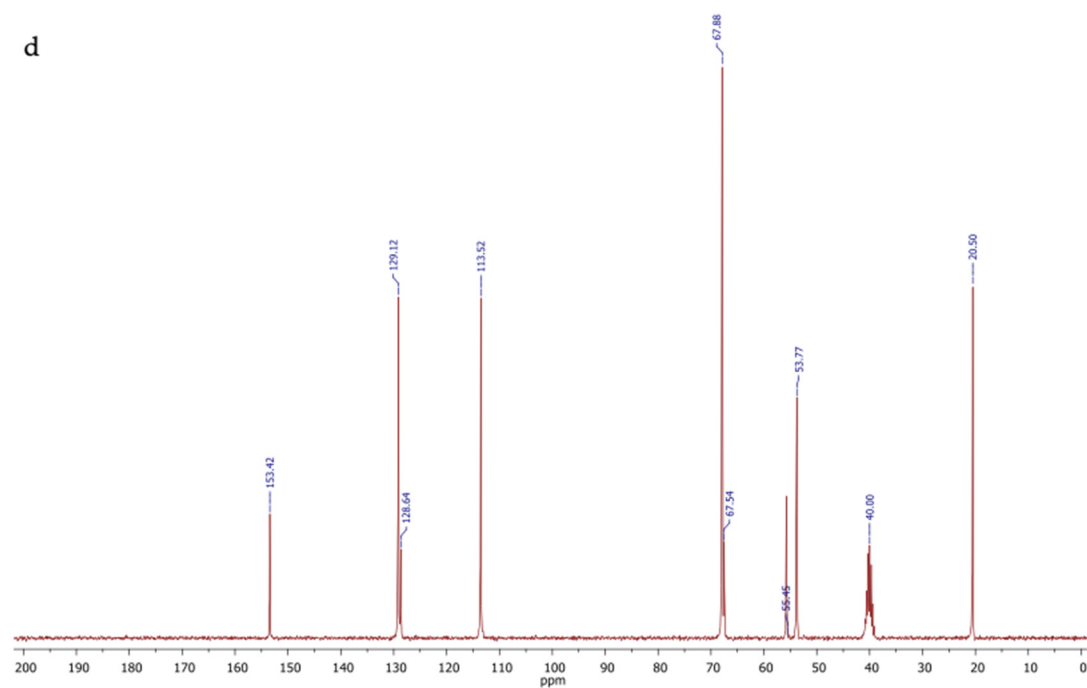
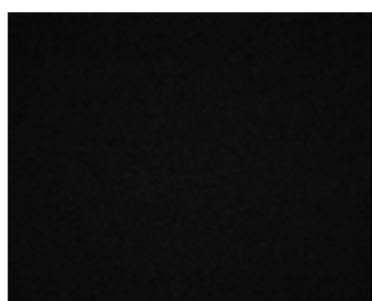


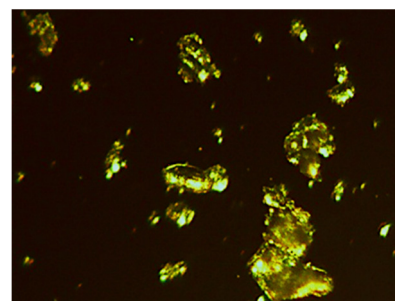
Figure S3. ^{13}C NMR spectra of choline chloride (a), dapsone (b), ChCl-PG DES (c) and DES-DAP ternary system (d).



100 mg DAP
+
CC:AA DES



500mg DAP
+
CC:PG DES



500 mg DAP
+
PROPYLENE GLYCOL

Figure S4. POM images of (DRUG + PG) and (DRUG + DESs) at rt.

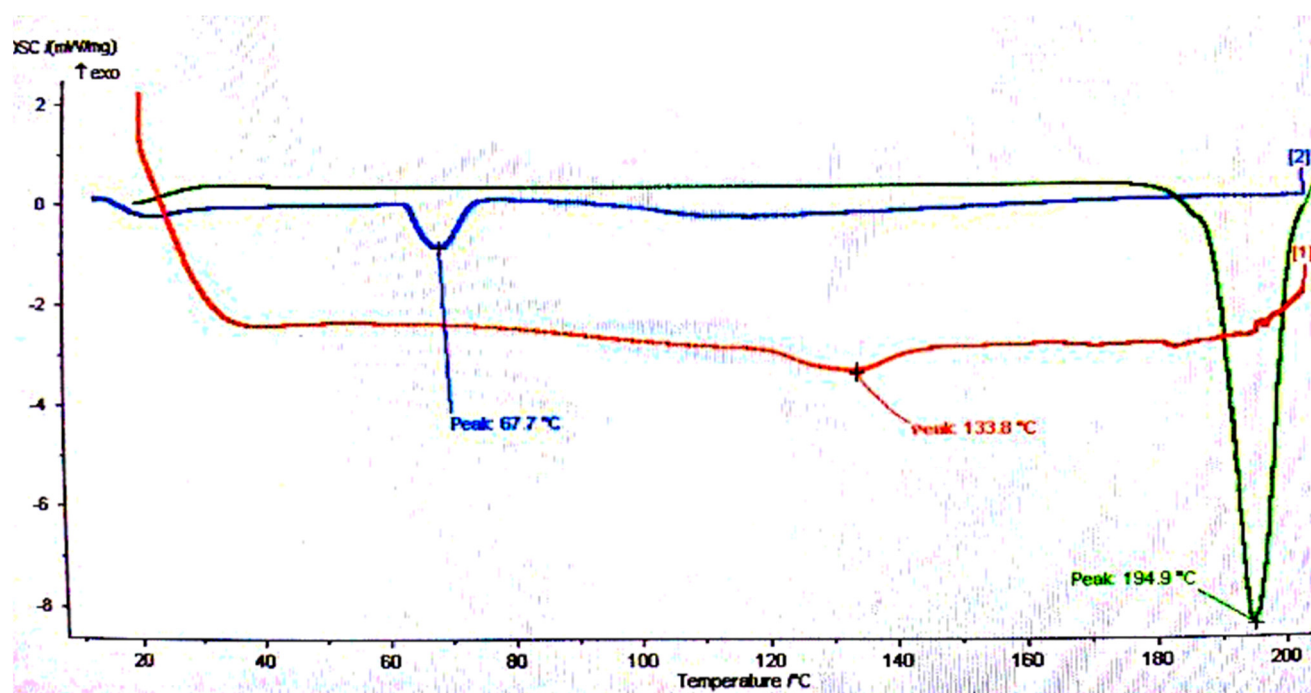


Figure S5. DSC thermograms of (1) CC:AA DES, (2) pure CC and (3) pure AA.