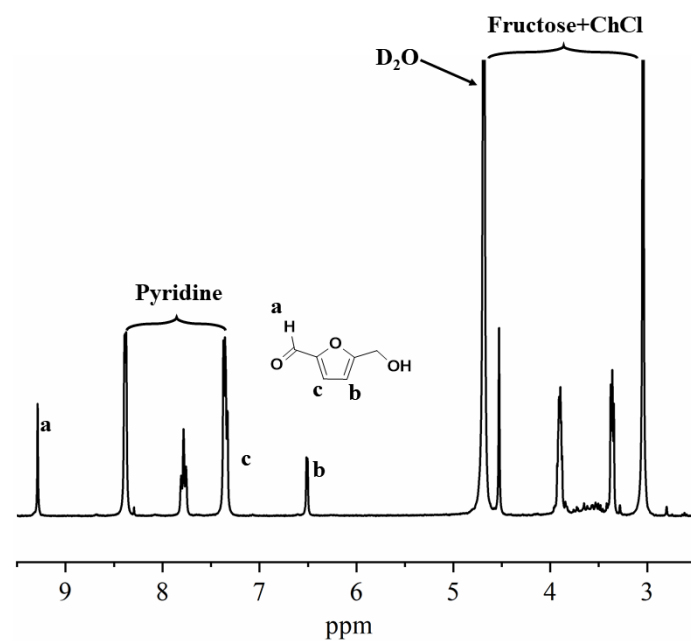
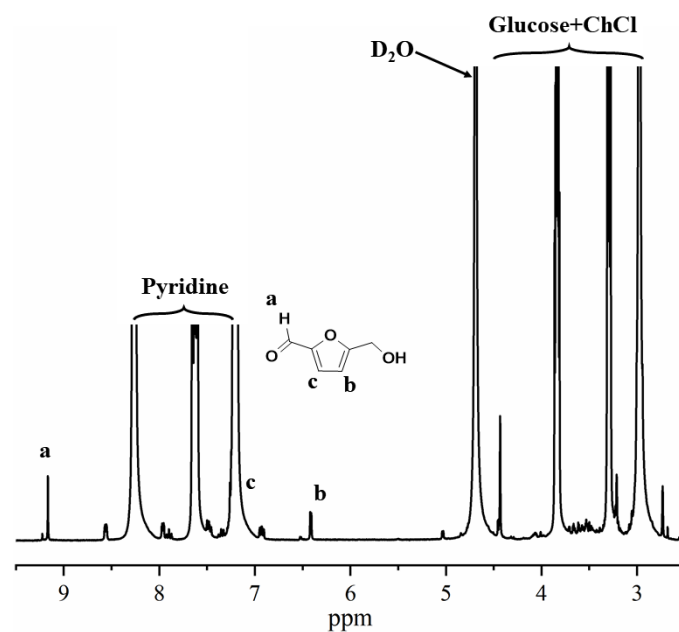


Conversion of Bio-carbohydrates to 5-Hydroxymethylfurfural in the Three-component Deep Eutectic Solvent

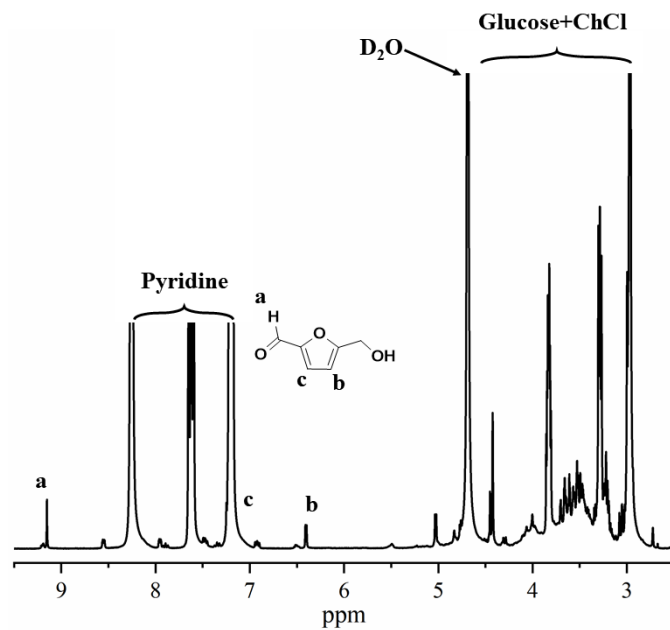
Hongtao Zhang,^a Xiao Liu,^{*b} Miaomiao Han,^{*b} and Rui Zhang^{*a}



(a)



(b)



(c)

Figure S1. ^1H NMR spectra obtained with different reaction conditions. (a) fructose content: 50 wt%, 120 °C, 1h; (b) glucose content: 30 wt%, 100 °C, 1h; (c) glucose content: 60 wt%, 100 h, 1 h. Preliminary DESs used for all reactions: ChCl/boric acid: 1/1(mol/mol)