

Supplementary Information

Dissolution performance of cellulose in [A₂im][MOA]/MIM solvents

Airong Xu^{a,*}, Yongxin Wang^a, Changzhu Li^{b,c}, Zhihong Xiao^{b,c} and Rukuan Liu^{b,c,*}

^a *School of Chemical Engineering and Pharmaceutics, Henan University of Science and Technology, Luoyang, Henan 471003, PR China*

^b *Hunan Academy of Forestry, Changsha, Hunan 410004, PR China*

^c *Hunan Collaborative Innovation Centre for Effective Utilizing of Wood Bamboo Resources, Changsha, Hunan 410004, PR China*

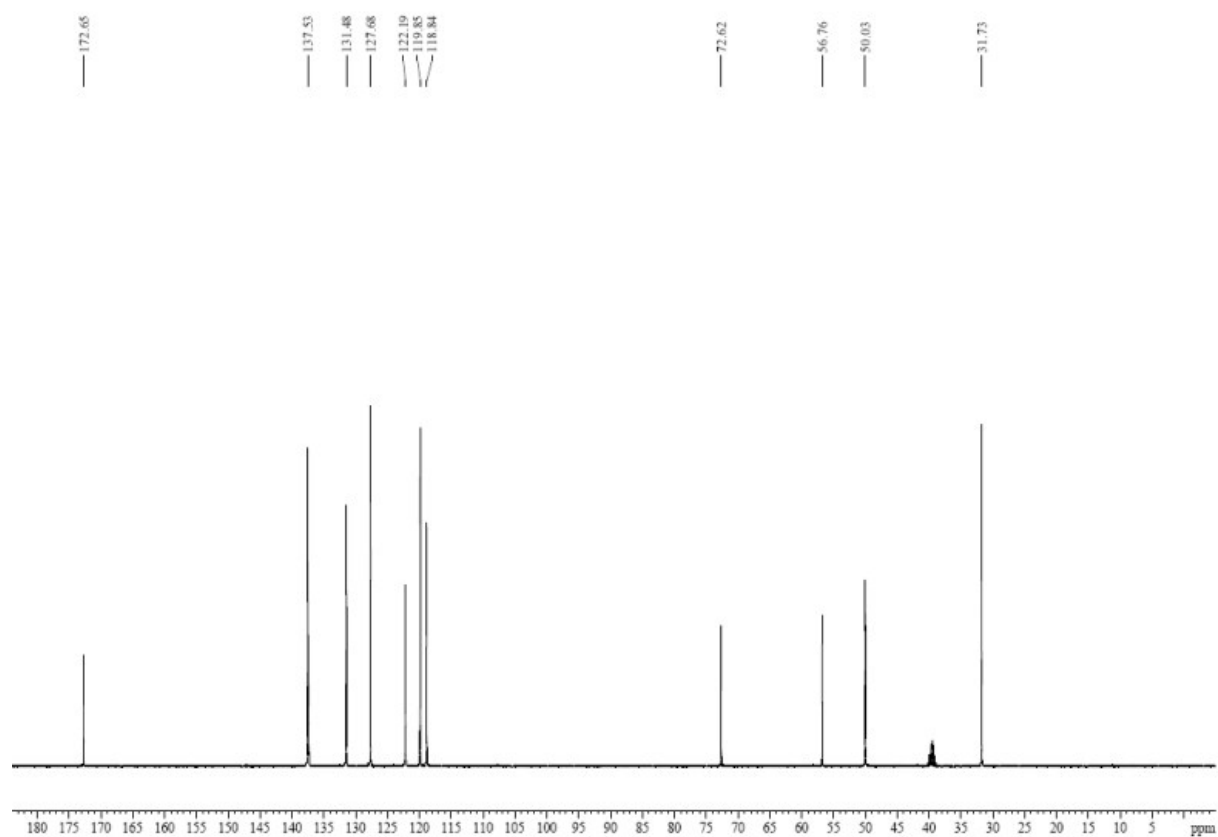


Fig. S1 ^{13}C NMR spectra of $[\text{A}_2\text{im}][\text{CH}_3\text{OCH}_2\text{COO}]$ in $[\text{A}_2\text{im}][\text{CH}_3\text{OCH}_2\text{COO}]/\text{MIM}(R_{\text{MIM}}=2)$ solvent at room temperature.

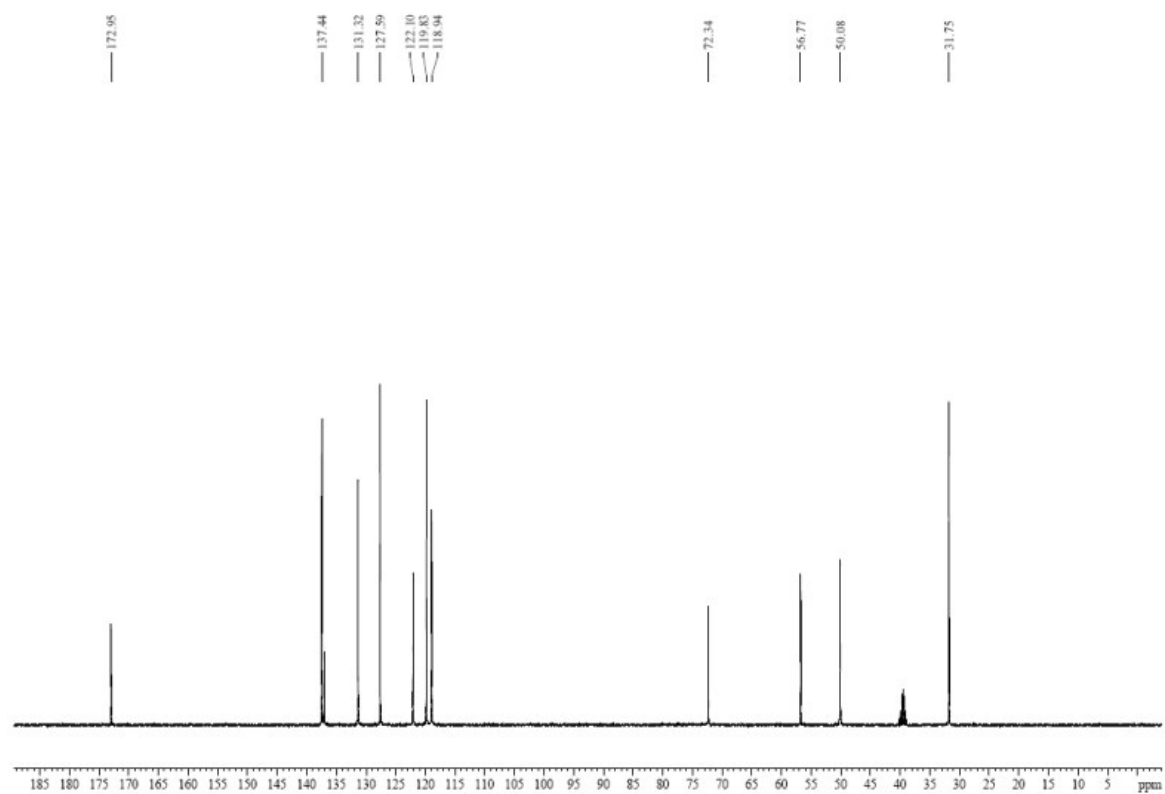


Fig. S2 ^{13}C NMR spectra of $[\text{A}_2\text{im}][\text{CH}_3\text{OCH}_2\text{COO}]$ in $[\text{A}_2\text{im}][\text{CH}_3\text{OCH}_2\text{COO}]/\text{MIM}(R_{\text{MIM}}=2)/\text{cellulose}(8\%)$ solution at room temperature.