

# Dimethyl sulfoxide enhances both cellulose dissolution ability and biocompatibility of a carboxylate-type liquid zwitterion

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Dimethyl sulfoxide enhances both cellulose dissolution ability and biocompatibility of a carboxylate-type liquid zwitterion

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Fig. S1 shows concentration of OE<sub>2</sub>imC<sub>3</sub>C and DMSO in the OE<sub>2</sub>imC<sub>3</sub>C/DMSO mixtures at EC<sub>50</sub>. While this figure is basically the same as Fig. 2(c) that mentions EC<sub>50</sub> of the OE<sub>2</sub>imC<sub>3</sub>C/DMSO mixture, in this figure, concentration of OE<sub>2</sub>imC<sub>3</sub>C and DMSO was shown separately. For example, EC<sub>50</sub> of OE<sub>2</sub>imC<sub>3</sub>C/DMSO (80/20) was 216 g/L, arising from 173 g/L of OE<sub>2</sub>imC<sub>3</sub>C and 43 g/L of DMSO.

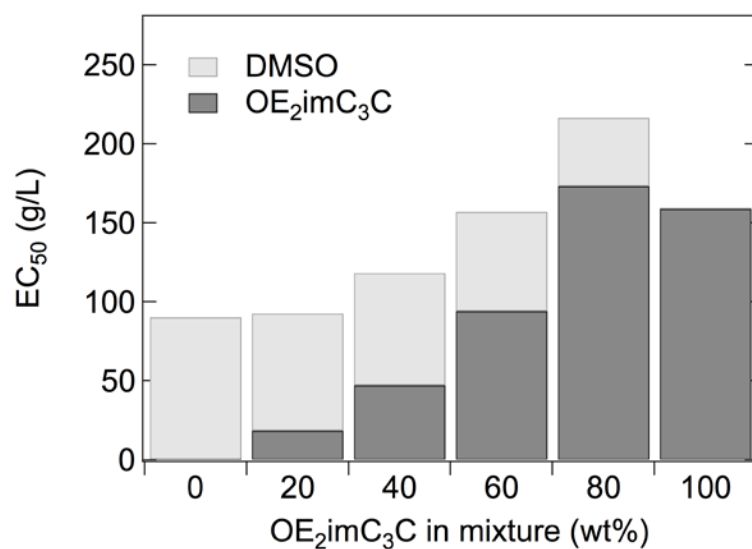


Fig. S1 Concentration of OE<sub>2</sub>imC<sub>3</sub>C and DMSO in the OE<sub>2</sub>imC<sub>3</sub>C/DMSO mixtures at EC<sub>50</sub>.