

Supplementary information

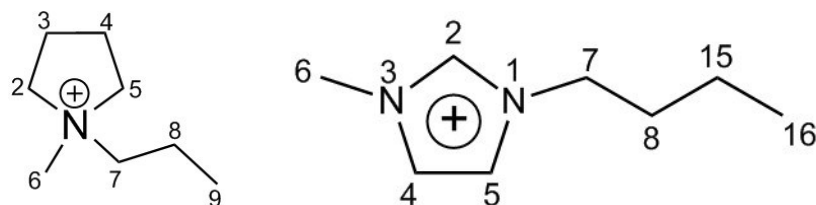


Fig. S1 Chemical structures of [C₁C₃pyrr⁺] and [C₄mim⁺] cations with numbering of carbon atoms.

N° C	Number of protons	Multiplicity	Chemical shift (ppm)
2-5	2 x 2	multiplet	3.49
7	2	triplet	3.28
6	3	singlet	3.03
3-4	2 x 2	multiplet	2.20
8	2	multiplet	1.81
9	3	triplet	0.97

Table S1 Peak assignments of the ¹H-NMR spectrum of [C₁C₃pyrr⁺] cation.