

ELECTRONIC SUPPLEMENTARY INFORMATION

A facile and efficient route to hydrophilic ionic liquids through metathesis reaction performed in saturated aqueous solution

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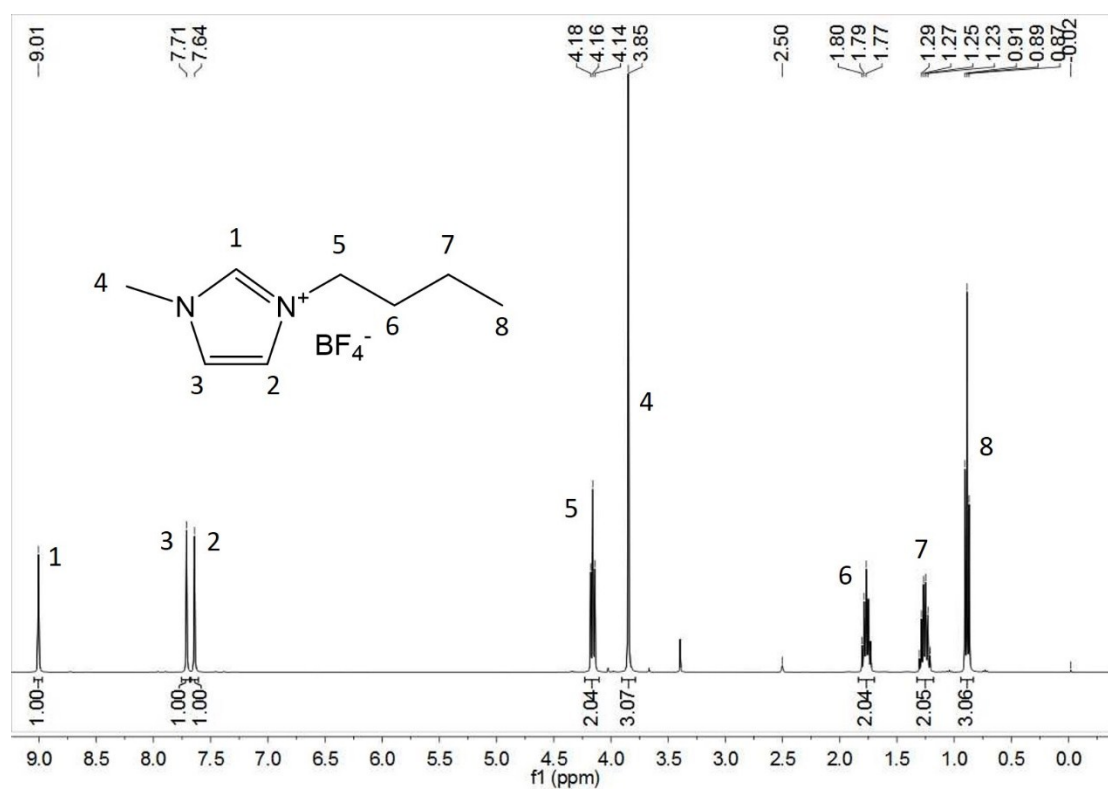


Fig. S1 ¹H-NMR (ppm) of [BMIm]BF₄ in DMSO-d₆.

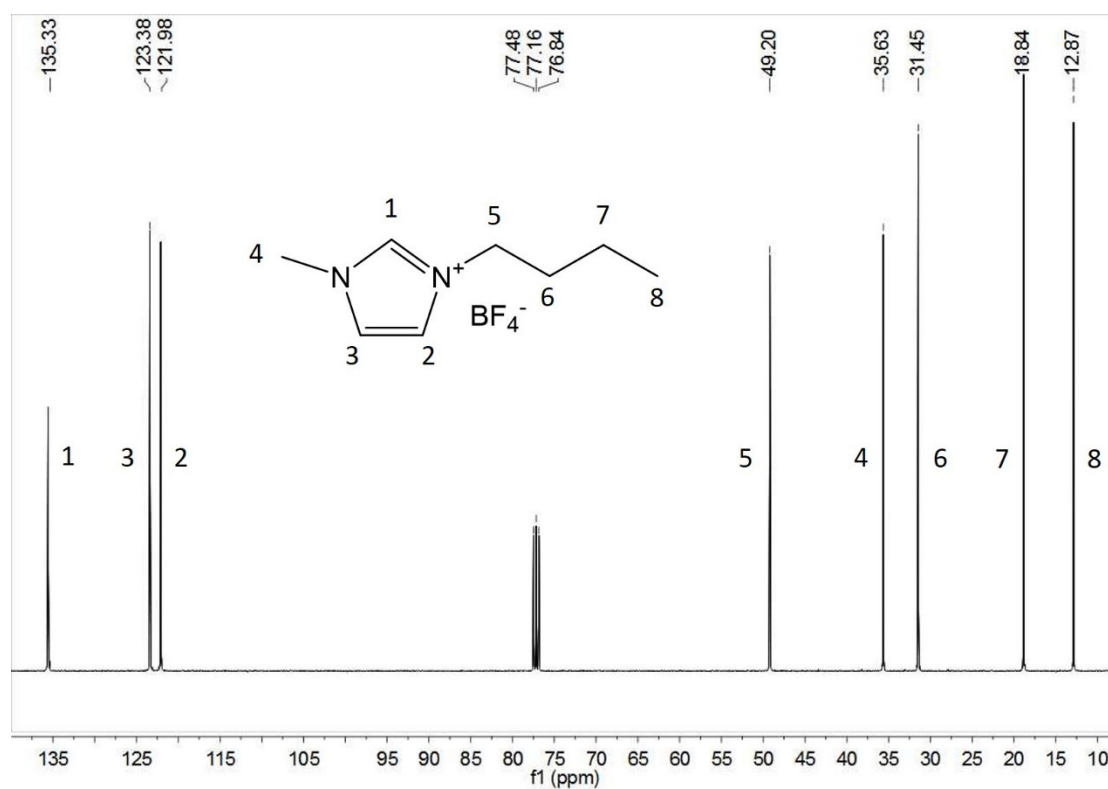


Fig. S2 ¹³C-NMR (ppm) of [BMIm]BF₄ in CDCl₃.

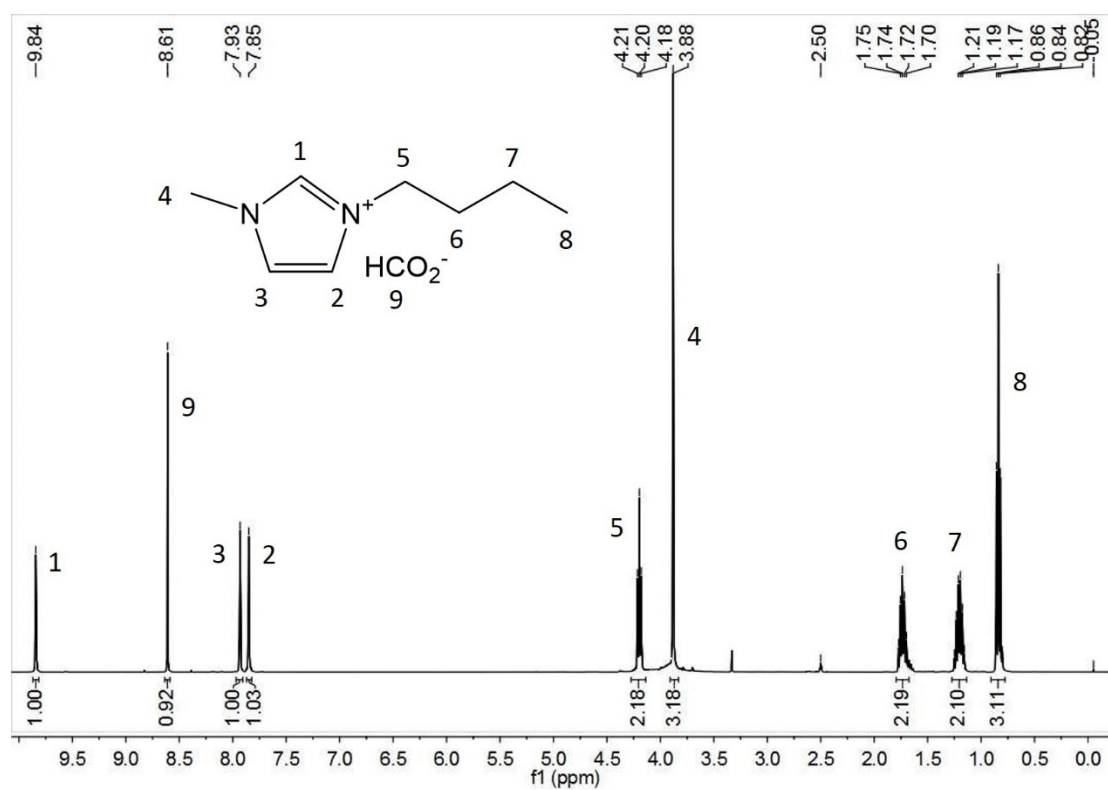


Fig. S3 ^1H -NMR (ppm) of [BMIm] HCO_2 in DMSO- d_6 .

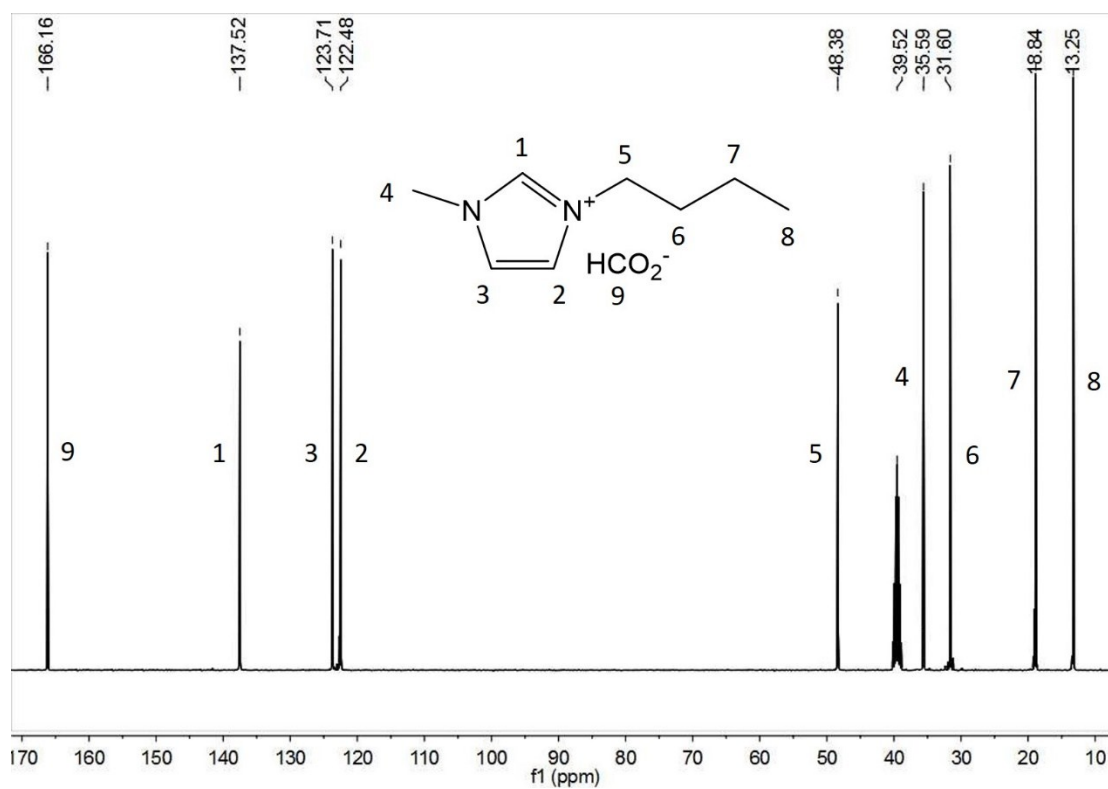


Fig. S4 ^{13}C -NMR (ppm) of [BMIm] HCO_2 in DMSO- d_6 .

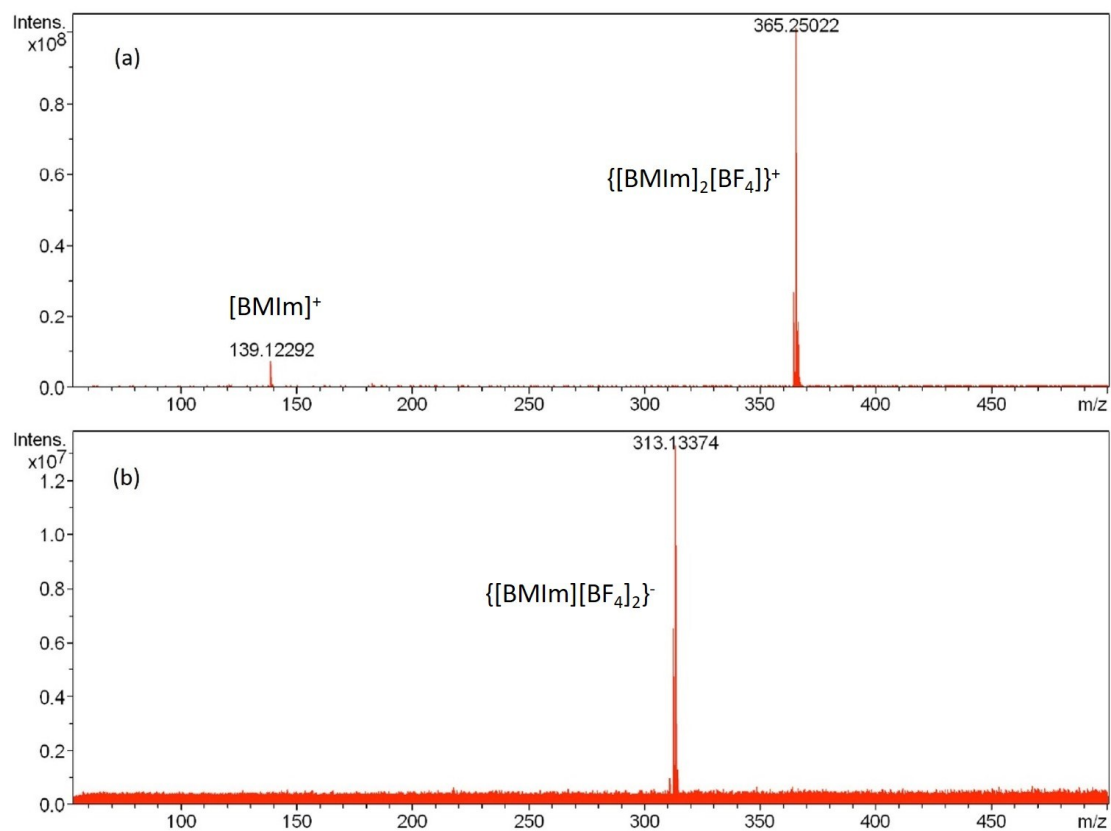


Fig. S5 Positive (a) and negative (b) ion modes of ESI-HRMS spectra (m/z) of [BMIm]BF₄.

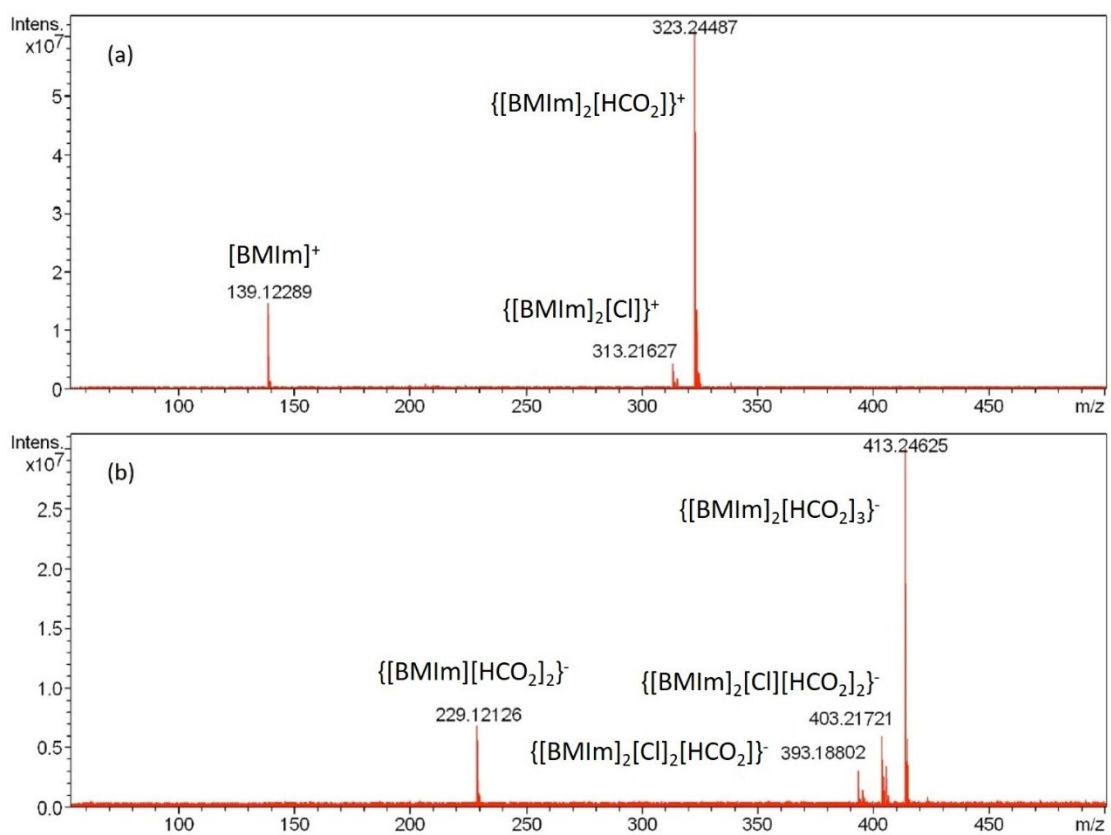


Fig. S6 Positive (a) and negative (b) ion modes of ESI-HRMS spectra (m/z) of [BMIm]HCO₂.