

Supplementary Information

Controversial Effect of Two Methylguanidine Based Ionic Liquids on firefly Luciferase

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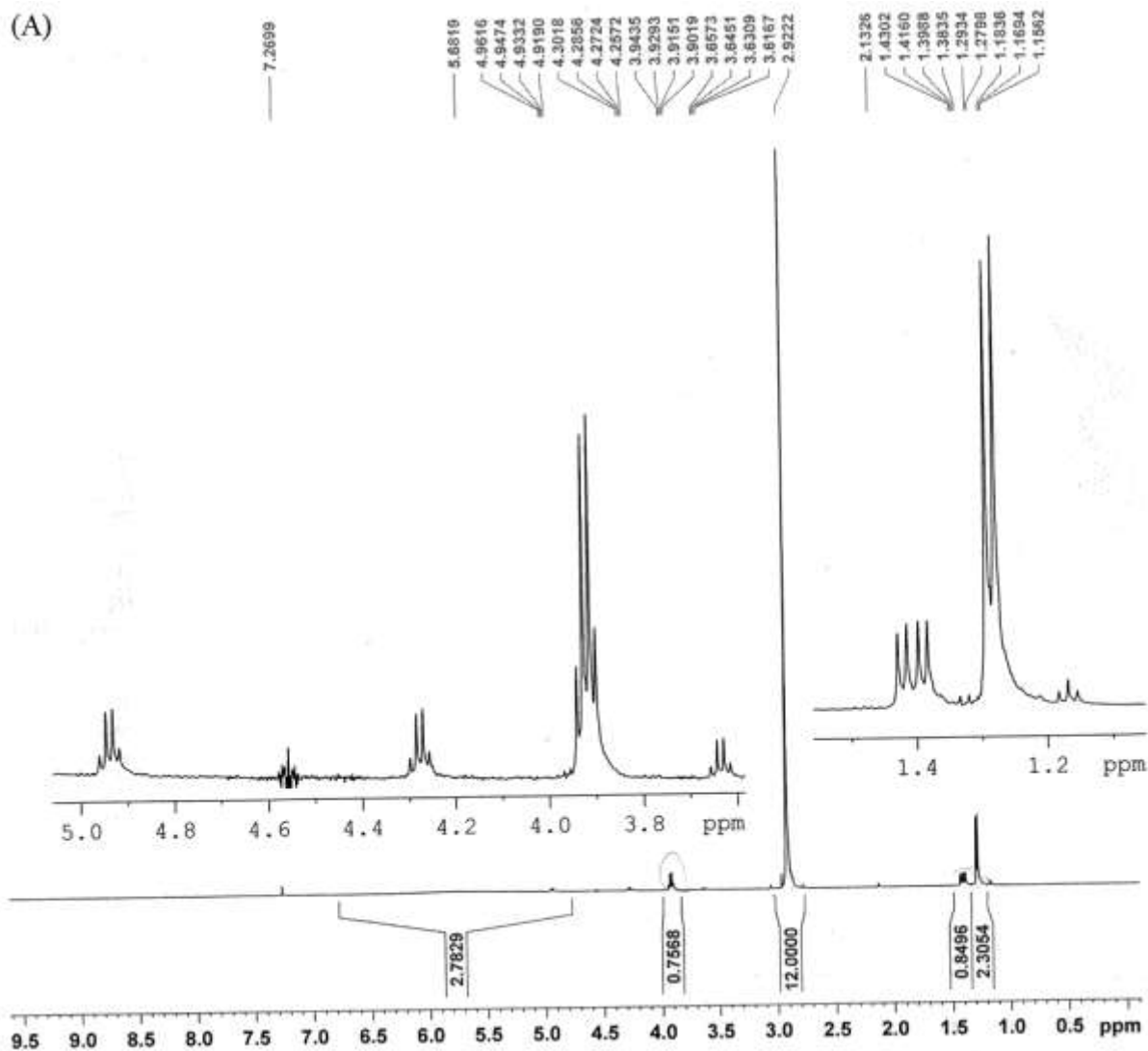
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Fig. S1. Spectral data for Tetramethylguanidinium lactate [TMG][Lac]

- A) ^1H NMR (CDCl_3 , 500 MHz): $\delta = 1.27$ (d, 3 H), 2.92 (s, 12 H), 3.94 (q, 1 H), 4.9-6.7 (brs, 3 H, NH_2 , OH)
- B) ^{13}C NMR (CDCl_3 , 125 MHz): $\delta = 20.31, 39.58, 68.09, 162.70, 180.43$.



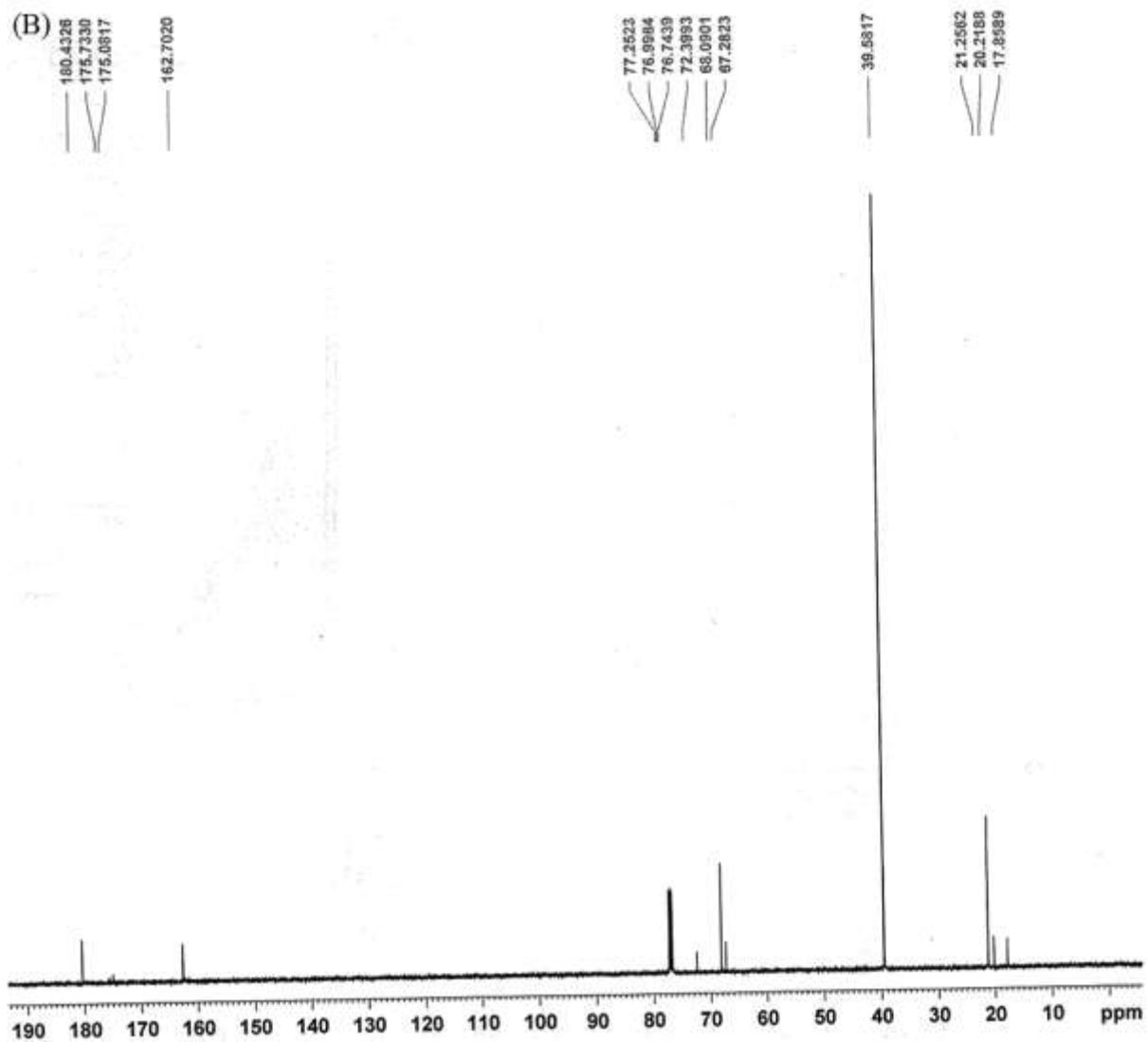


Fig. S2. Spectral data for tetramethylguanidinium propionate [TMG][Prop]

- A) ^1H NMR (CDCl_3 , 500 MHz): $\delta = 1.03$ (t, 3 H), 2.19 (q, 2 H), 2.99 (s, 12 H), 7.30- 10 (brs, 2 H, NH_2)
B) ^{13}C NMR (CDCl_3 , 125MHz): $\delta = 10.18, 29.68, 40.12, 161.75, 180$.

