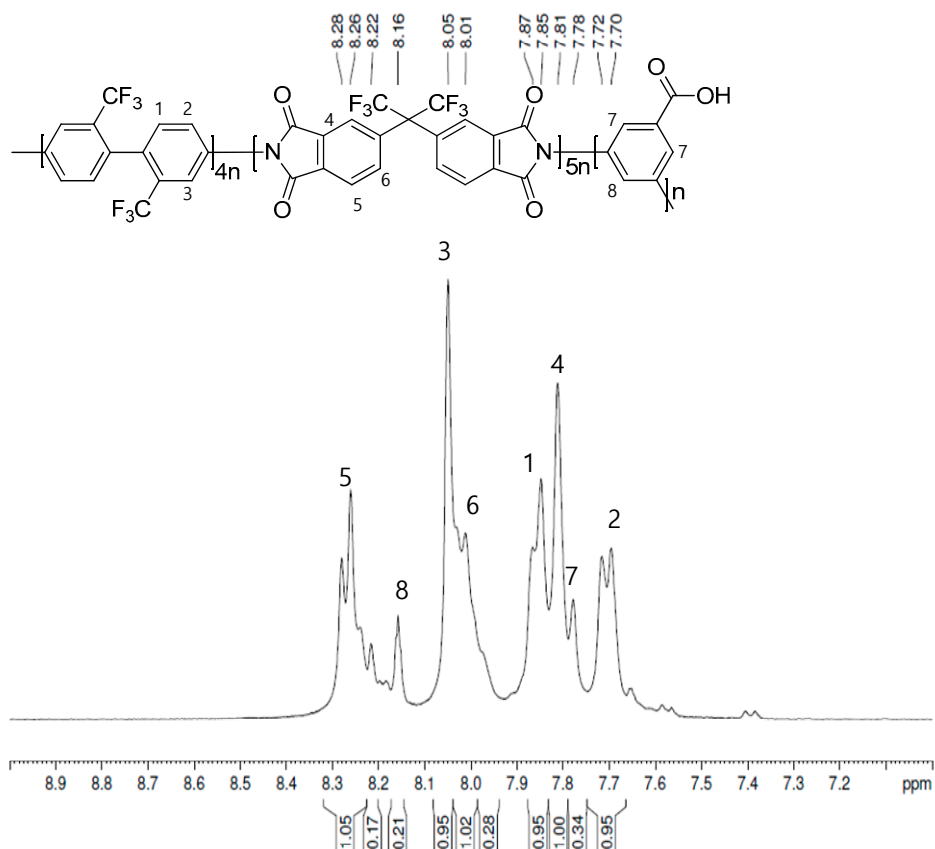
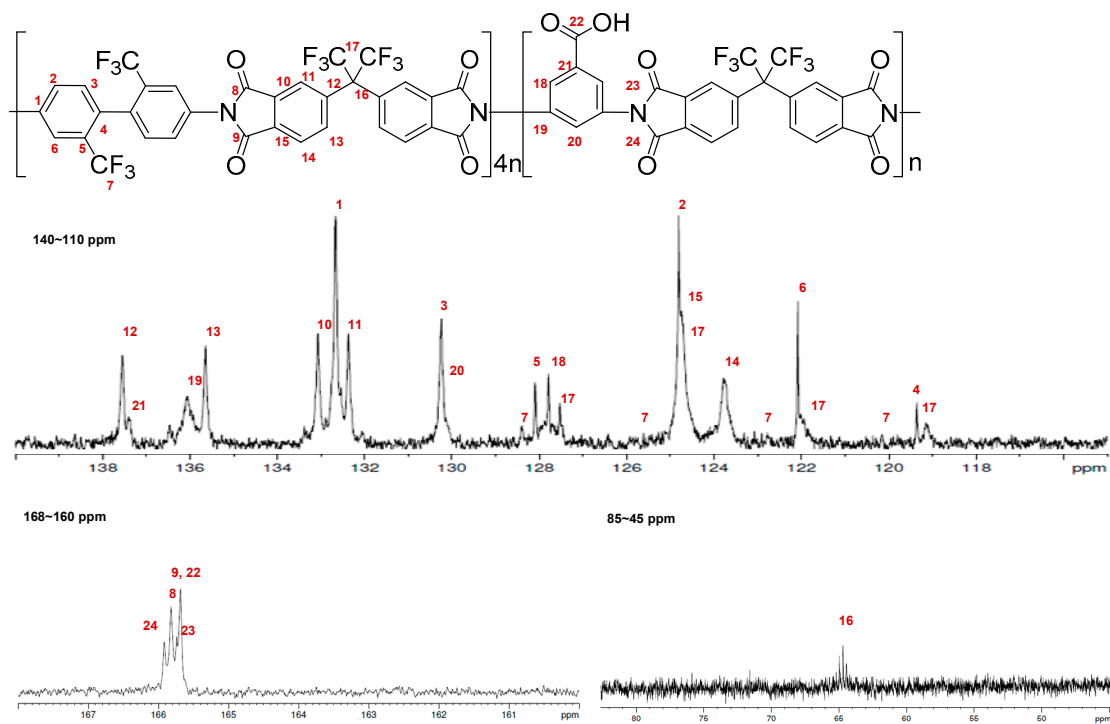


## Supplementary material

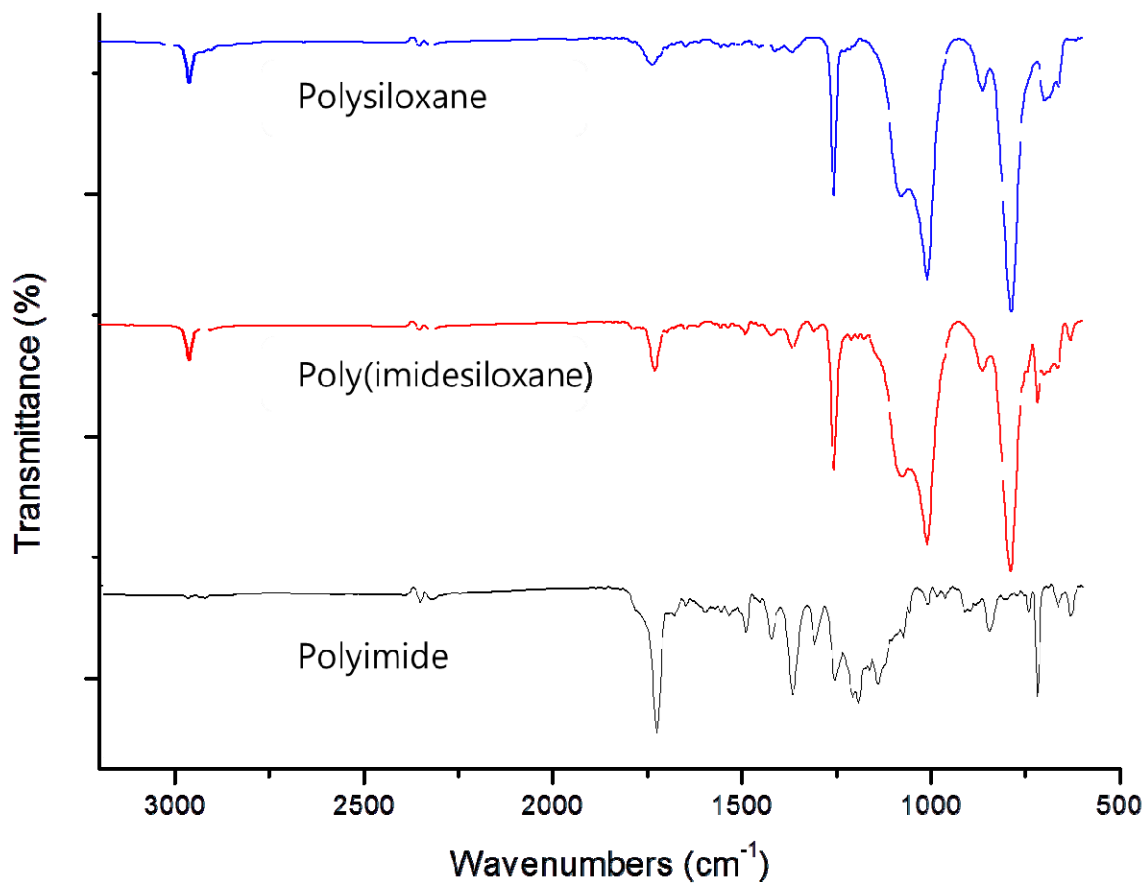
### Poly(imide-co-siloxane) as a thermo-stable binder for thin layer cathode of thermal batteries



(a)



(b)  
 Figure S1. (a) and (b) Structure and  $^1\text{H}$ - $^{13}\text{C}$ -NMR analysis of polyimide



**Figure S2.** FT-IR analysis of poly(imide-*co*-siloxane).



**Figure S3.** Bending test for cathode composite layer attached to the SUS plate and resulted in no cracks at 360° bending condition.