

***Supporting Information for***

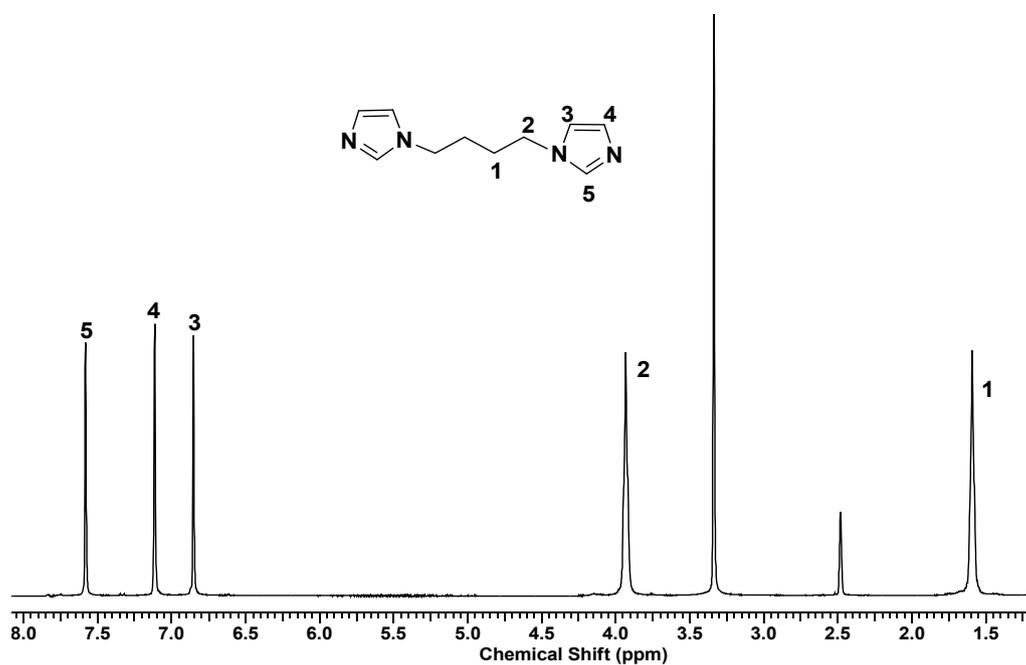
**Ionic Group-mediated Crosslinked Polyimide Membranes for  
Enhanced CO<sub>2</sub> Separation**

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**Fig. S1**  $^1\text{H}$  NMR spectrum of the 1,4-di(1H-imidazol-1-yl)butane (bisimidazole)



**Fig. S2** Stress-strain behavior of the pristine and crosslinked PI membranes

