

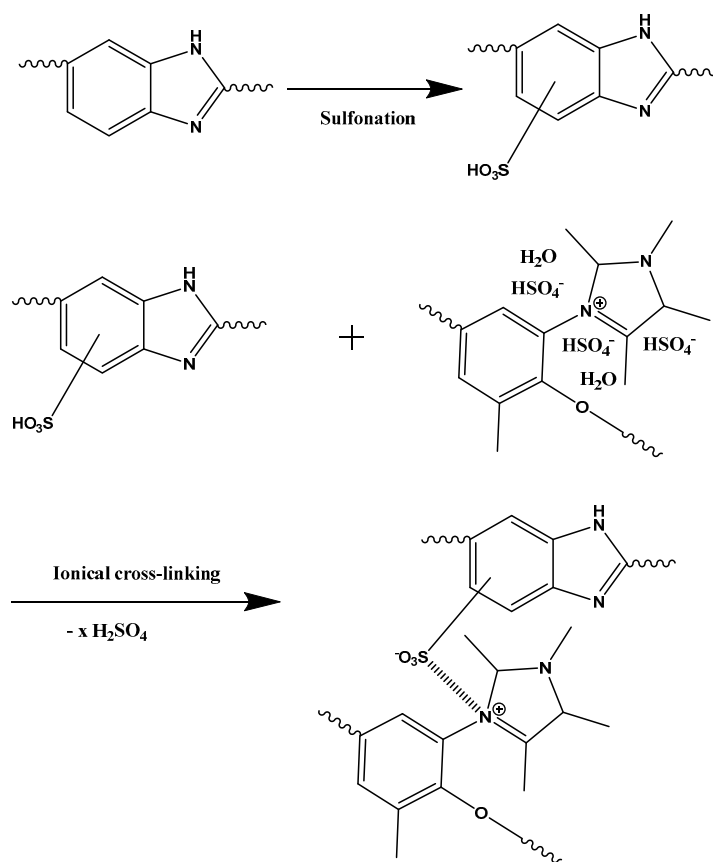
# Supplementary Materials: Performances of Anion-Exchange Blend Membranes on Vanadium Redox Flow Batteries

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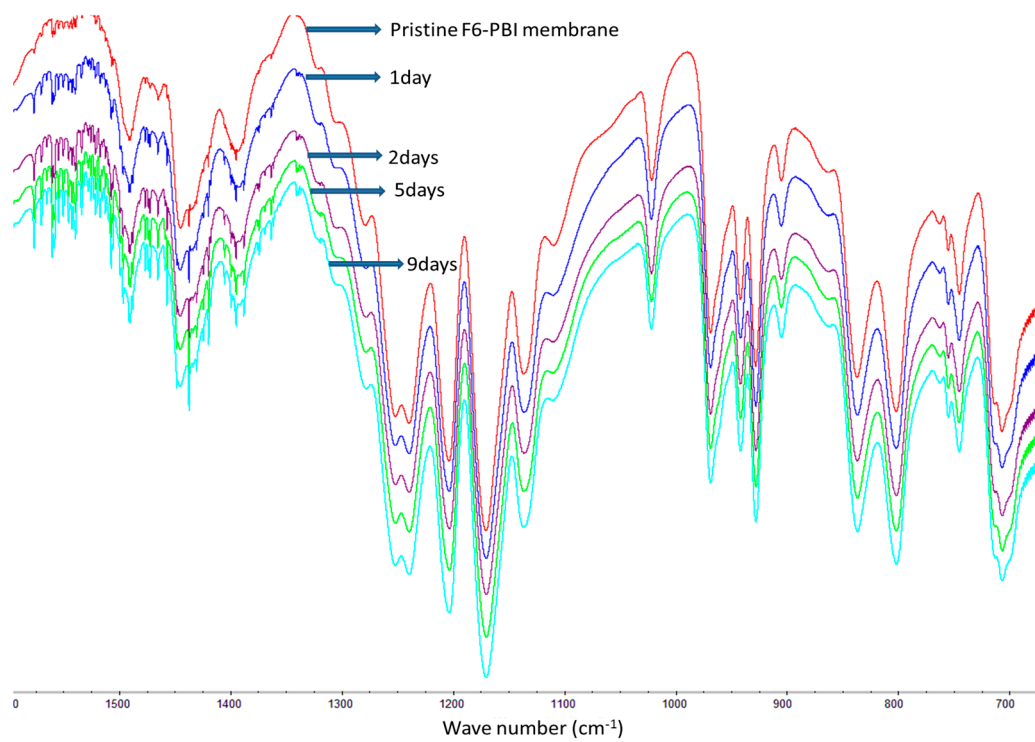
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**Figure S1.** Possible loss of  $\text{H}_2\text{SO}_4$  during the sulfonation of PBI based blend membranes.



**Figure S2.** FT-IR spectrum of F6-PBI membrane as a function of sulfuric acid doping time (30% sulfuric acid at room temperature).