

Supporting Information

Poly(alkyl-biphenyl pyridinium)-based anion exchange membranes with alkyl side chains enable high anion permselectivity and monovalent ion flux

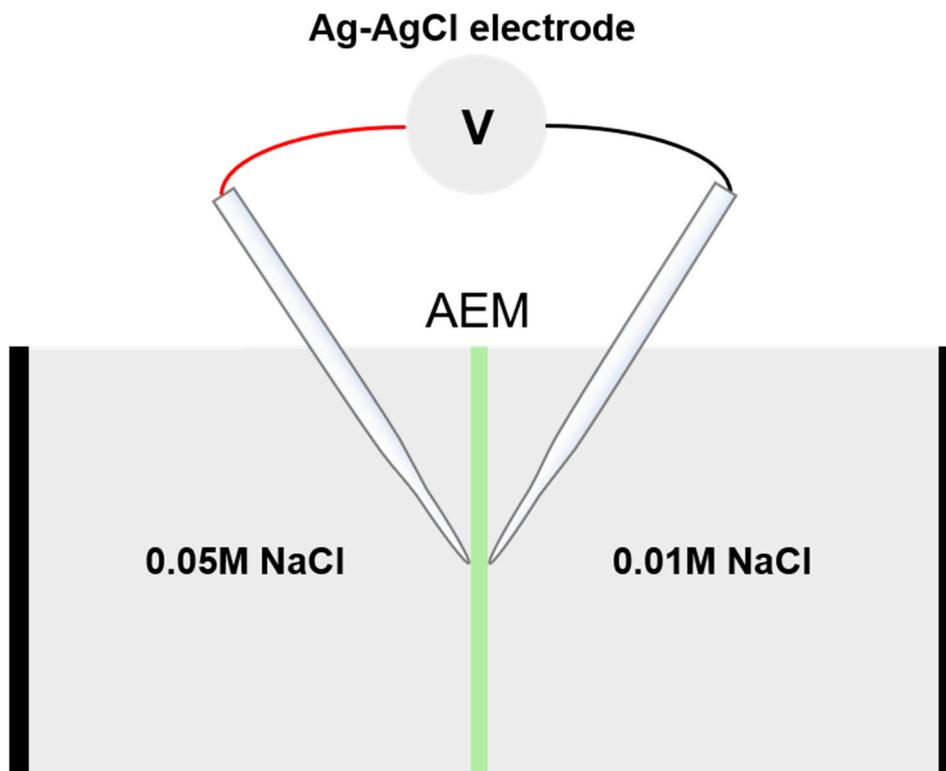


Figure S1. Schematic illustration for Membrane transport number.

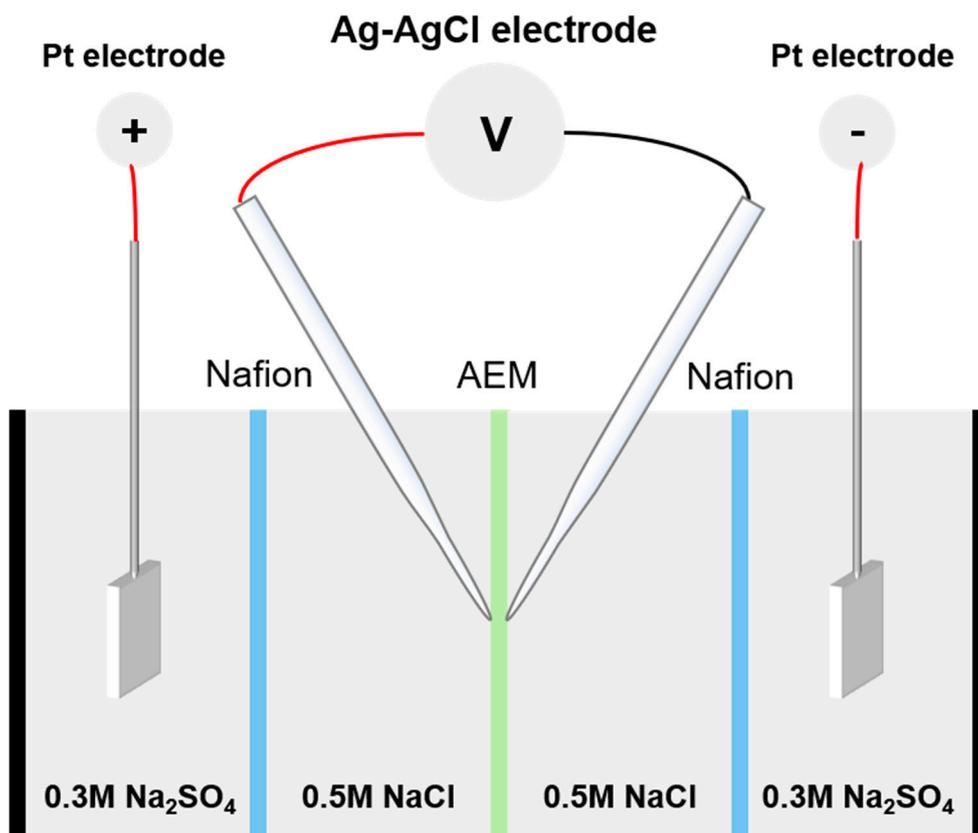


Figure S2. Schematic illustration for current-voltage (I-V) curves and membrane area resistance.

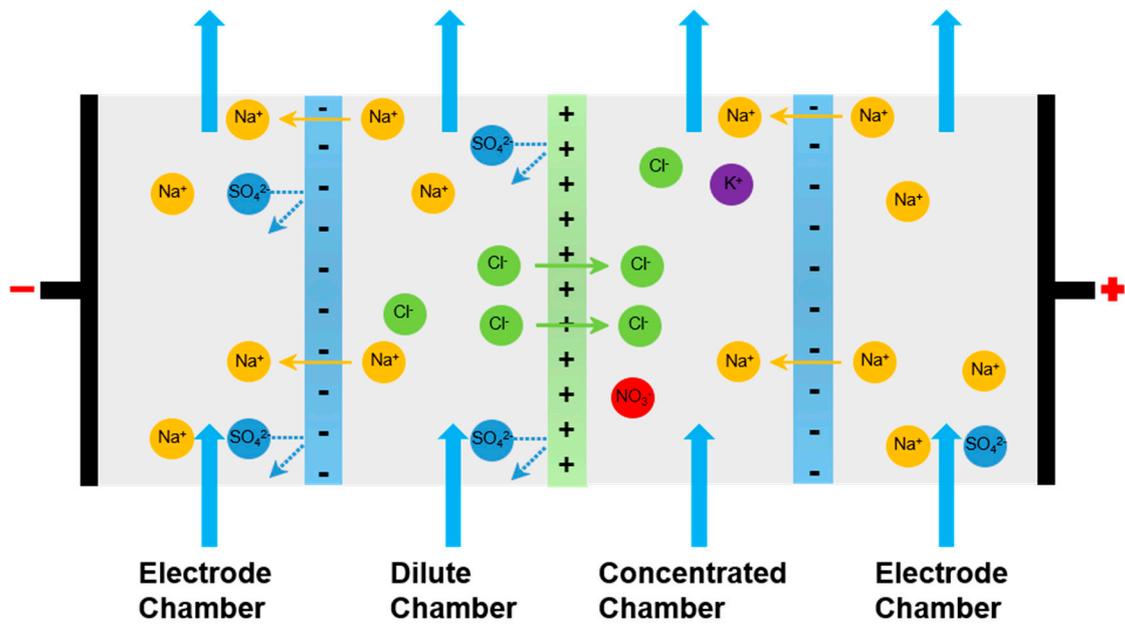


Figure S3. Schematic illustration for the ED process.

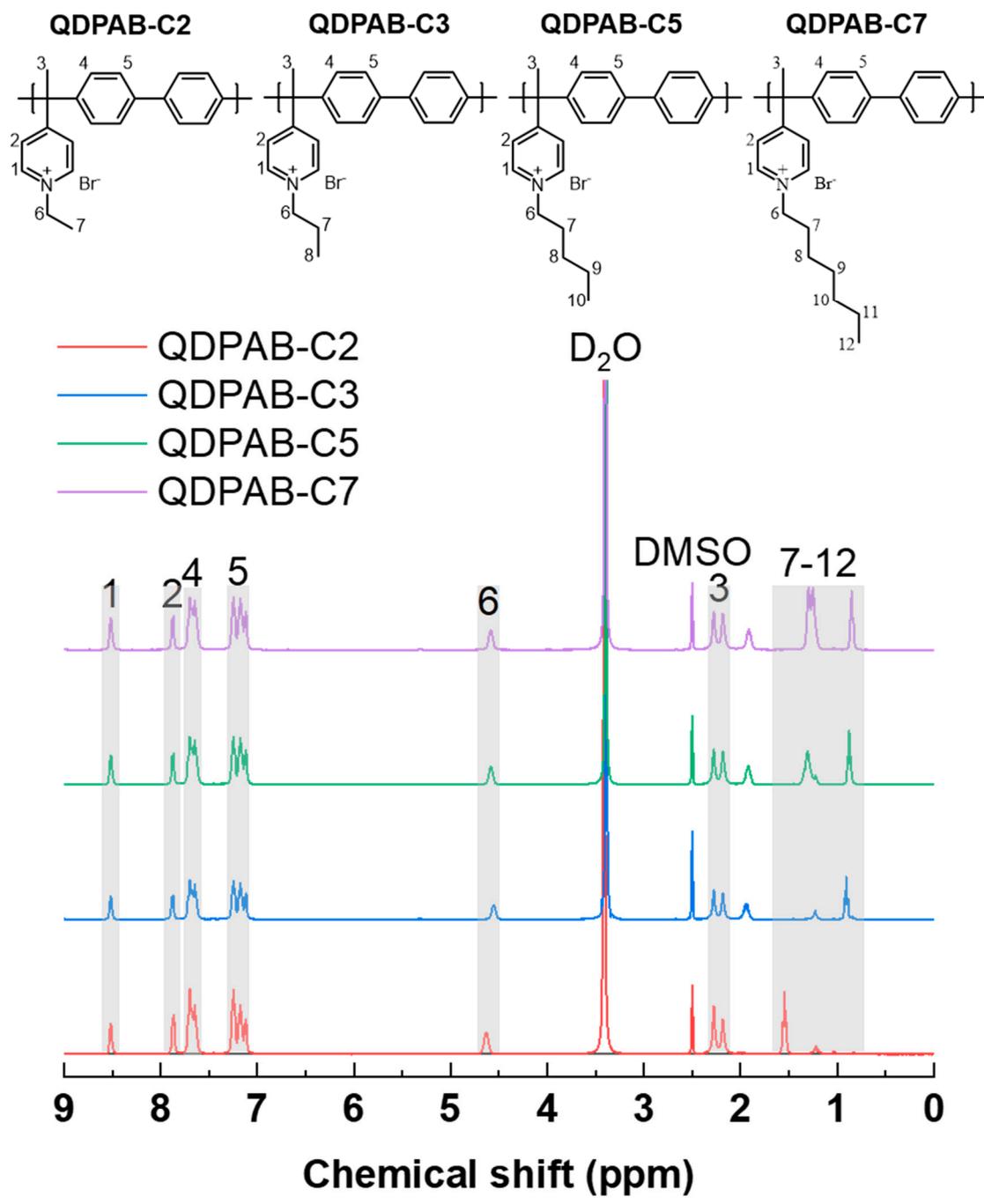


Figure S4. ¹H NMR spectra of QDPAB-C2, QDPAB-C3, QDPAB-C5 and QDPAB-C7

membranes.