Supplementary information

Sulfonated poly(arylene ether sulfone) ionomers containing di- and tetrasulfonated arylene sulfone segments

Elin Persson Jutemar, Shogo Takamuku, Patric Jannasch*

Polymer & Materials Chemistry, Department of Chemistry, Lund University, P.O. Box 124, SE-221 00 Lund, Sweden

[*] Corresponding author
E-mail: patric.jannasch@polymat.lth.se; Tel: +46 462229860; Fax: +46 462224012
Scheme SI-1. Synthesis of silylated PSU2,4 by lithiation and reaction with chlorotrimethylsilane. Silylated PSU3,4 was prepared using the same method.
**Figure SI-1.** $^1$H NMR spectra of fully silylated a) PSU2,4 and b) PSU3,4. The data was collected using DMSO-$d_6$ solutions of the samples.