

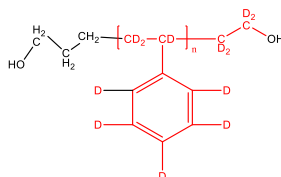
Product Profile

Identification

Product Name: Deuterated Poly(styrene-d8), α , ω -bis(hydroxy)-terminated

Sample #: P44940A-dPS2OH

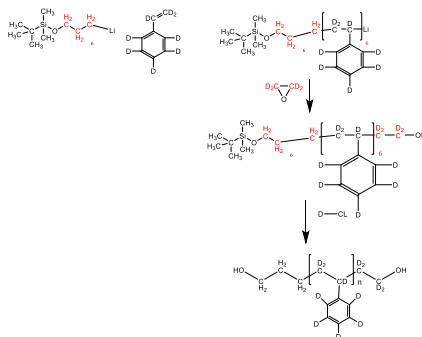
Structure:



Composition:

Mn x 10 ³	Mw/Mn (PDI)
0.9	1.134

Method of Synthesis:



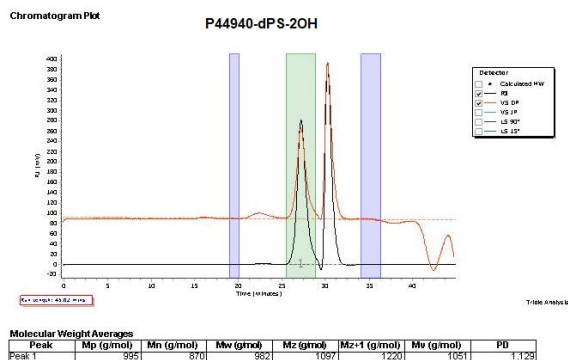
Solubility in different solvents

THF	✓		
CHCl ₃	✓		
Toluene	✓		

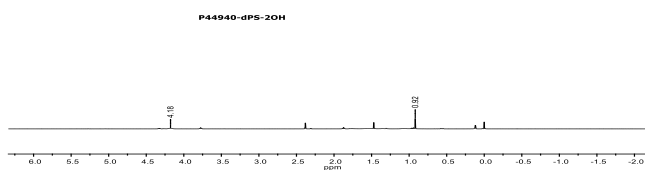
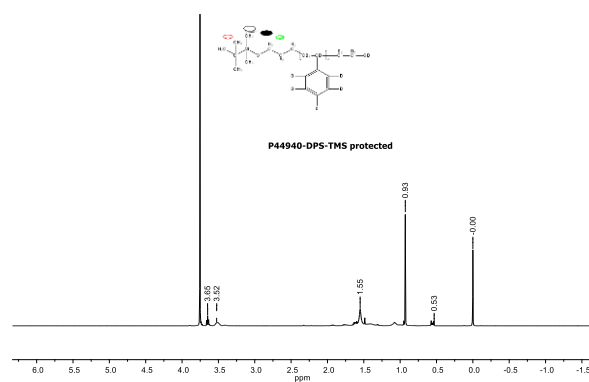
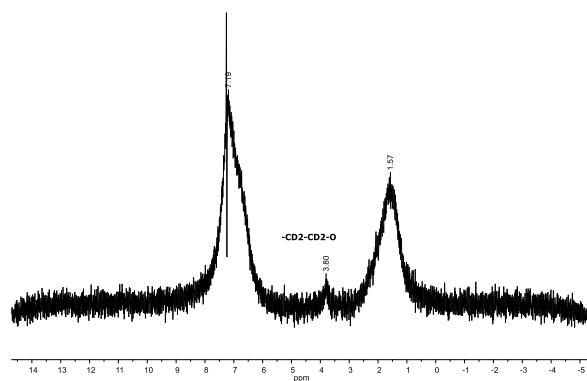
Purification of Polymer: to remove cleaved (CH₃)₃SiOH

Validation of Architecture:

A. Gel Permeation Chromatography (GPC), SEC- Profile



B. NMR (HNMR) and DNMR spectrum of polymer:



C. DSC results:

