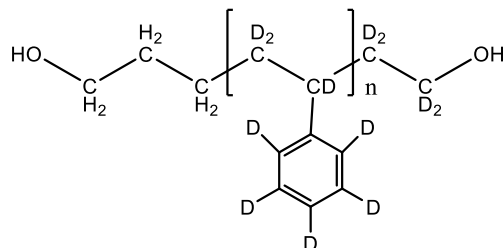


Sample Name: Deuterated Poly(styrene-d8), α , ω -bis(hydroxy)-terminated

Sample #: P43595-dPS2OH

Structure:

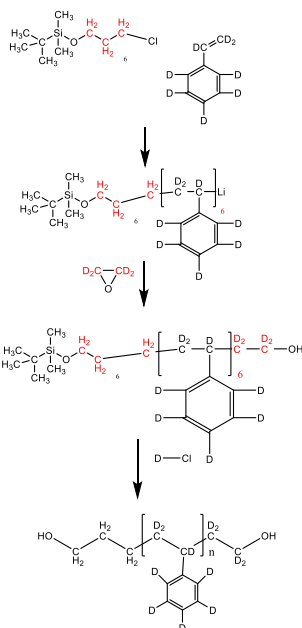


Composition:

$M_n \times 10^3$	PDI
0.9	102

Synthesis Procedure:

α , ω -Hydroxy Terminated deuterated polystyrene was prepared by living anionic polymerization of deuterated styrene using a OH protected monofunctional initiator.

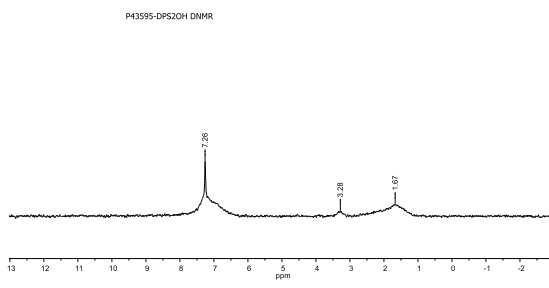
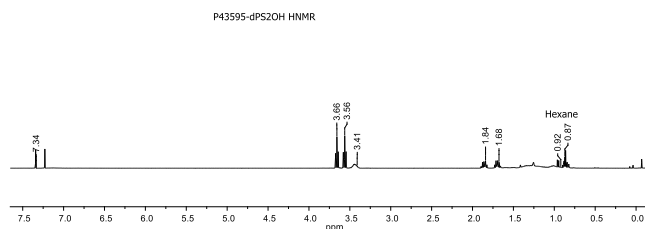


Characterization:

The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

Solubility: Polymer is soluble in toluene, THF, CHCl_3 and can be precipitated in water and cold methanol.

HNMR spectrum of the Sample:



SEC elugram of the Sample:

