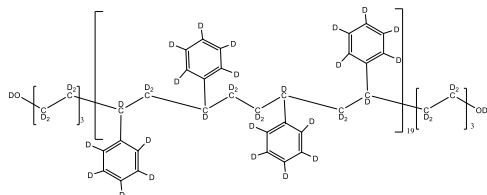


Sample Name: Deuterated Poly(styrene-d8), α , ω -bis(deuteroxy)-terminated

Sample #: P44365A-dPS2OD

Structure:



Composition:

$M_n \times 10^3$	PDI
2.2	1.27

Synthesis Procedure:

α , ω -deuteroxy Terminated deuterated polystyrene was prepared by living anionic polymerization.

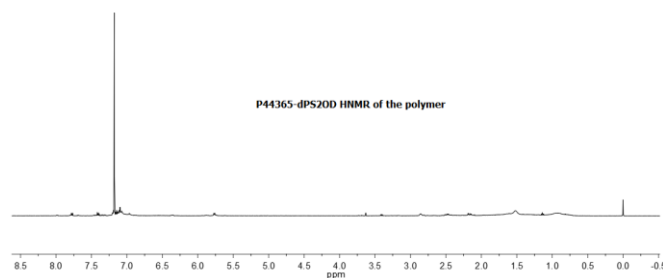
Characterization:

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.

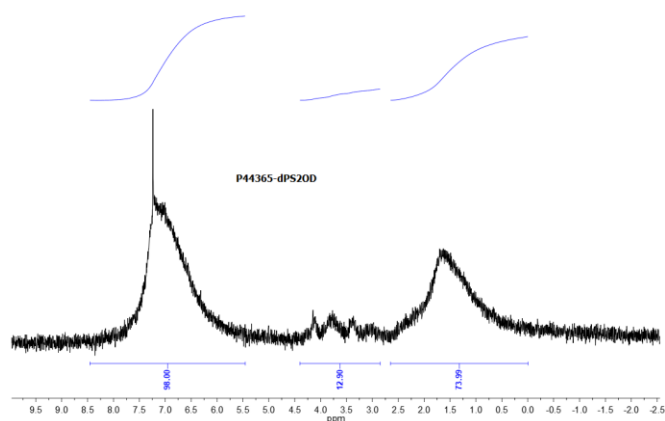
Solubility:

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

HNMR spectrum of the Sample:



D NMR spectrum of Polymer:



SEC elugram of the Sample:

