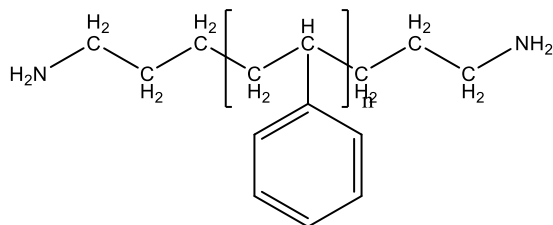


Sample Name:

**Poly(styrene),  $\alpha,\omega$ -bis(amino)-terminated**

Sample #: **P43359-S2NH2**

**Structure:**

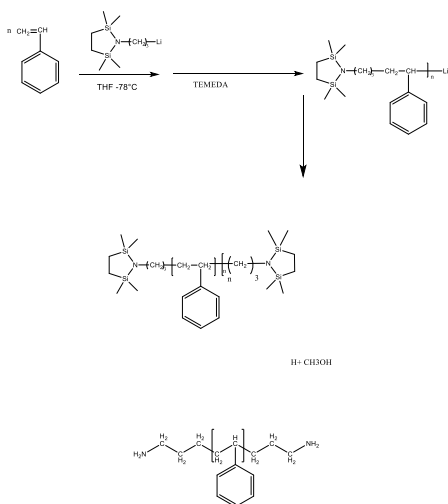


**Composition:**

$M_n \times 10^3$	PDI
8.0	1.06

### Synthesis Procedure:

$\alpha,\omega$ -bis -amino terminated polystyrene was synthesized by anionic living polymerization process. The following reaction scheme shows how the product was prepared:



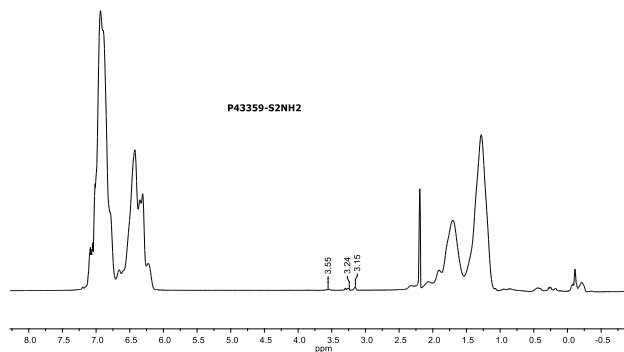
### Characterization:

The product was characterized by size exclusion chromatography (SEC) and  $^1\text{H}$  NMR data analysis.

### Solubility:

Polymer is soluble in THF,  $\text{CHCl}_3$  toluene and precipitated out from methanol and hexane.

### $^1\text{H}$ NMR spectrum of the Sample:



### SEC elugram of the Sample:

