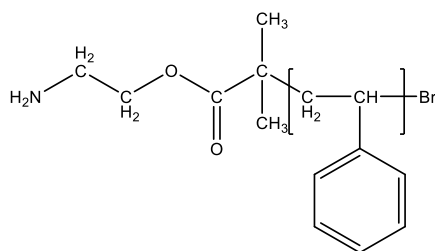


**Sample Name: Amino Terminated Polystyrene**

**Sample #: P41940-SNH2**

**Structure:**



**Composition:**

Mn × 10 <sup>3</sup>	PDI
4.0	1.10

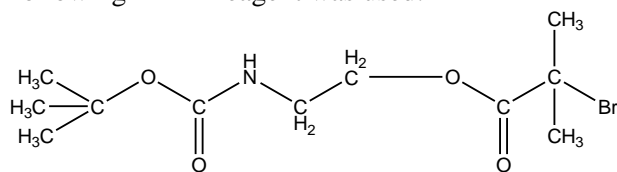
**Synthesis Procedure:**

The polymer was synthesized by ATRP polymerization process.

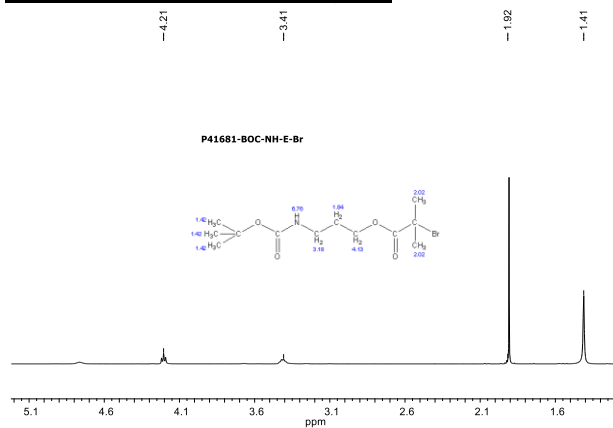
**Characterization:**

The product was characterized by size exclusion chromatography (SEC) and <sup>1</sup>H NMR.

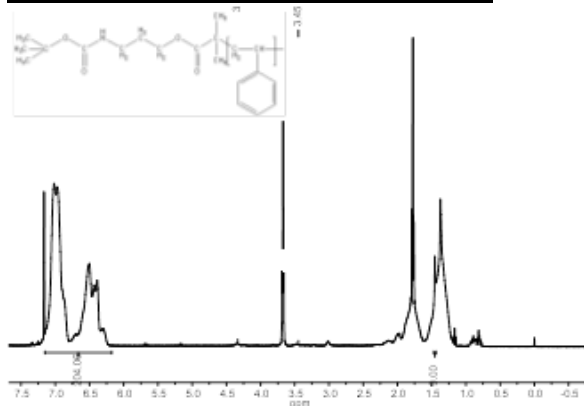
Following ATRP reagent was used:



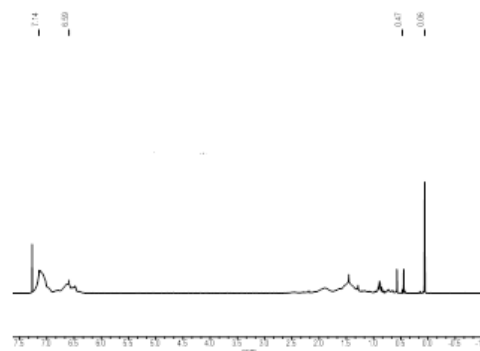
**<sup>1</sup>H NMR of the ATRP reagent:**



**<sup>1</sup>H NMR of BOC protected Polystyrene:**



**<sup>1</sup>H NMR Spectrum of the Sample:**

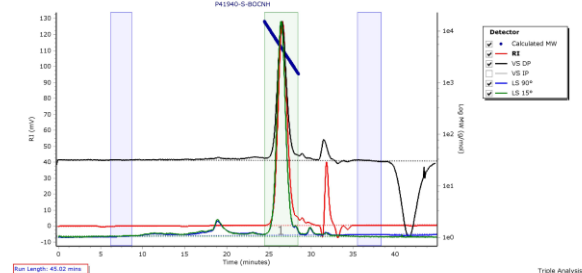


**SEC elugram of the Sample:**

Agilent GPC/SEC Software

P41940-S-BOCNH

Chromatogram Plot



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
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Peak 1	4497	4092	4532	4983	5467	4876	1.108
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