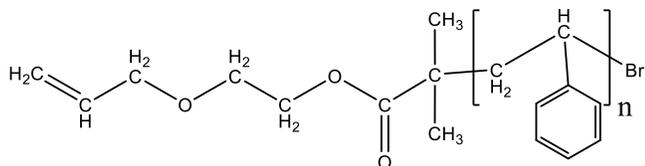


**Sample Name:** Poly(styrene),  $\alpha$ -allyloxy-terminated

**Sample #:** P42298A-S-allyloxy

**Structure:**

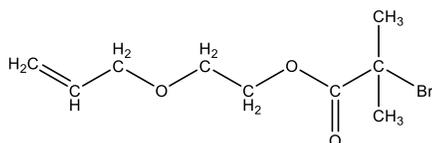


**Composition:**

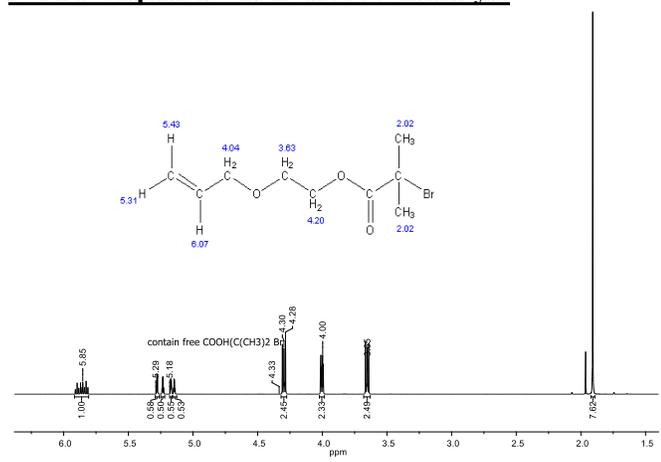
Mn x 10 <sup>3</sup>	PDI
72.0	2.1

**Synthesis:**

The polymer was synthesized by ATRP polymerization process.



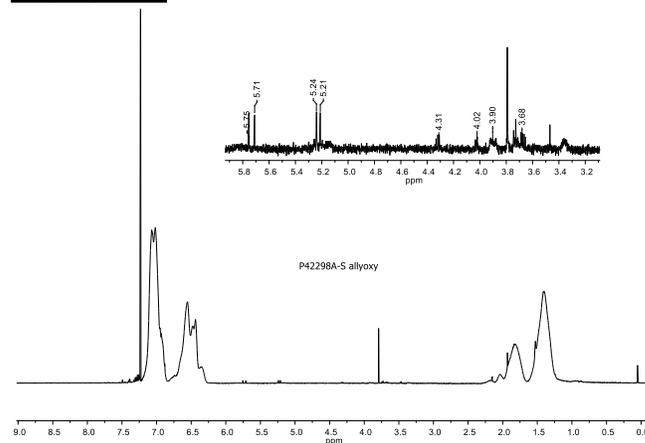
**<sup>1</sup>H NMR spectrum of the ATRP catalyst**



**Characterization:**

The product was characterized by size exclusion Chromatography (SEC) and <sup>1</sup>H NMR in CdCl<sub>3</sub>.

**<sup>1</sup>H-NMR Spectrum of the Allyloxy terminated Polystyrene:**



**SEC elugram of the polymer:**

Agilent GPC/SEC Software

