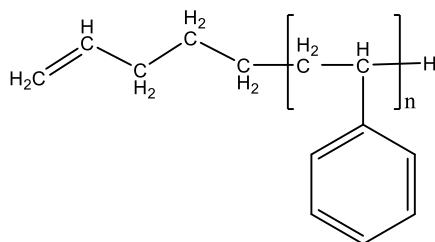


**Sample Name:** Poly(styrene),  $\alpha$ -allyl-terminated

**Sample #:** P42271A-S-allyl

**Structure:**

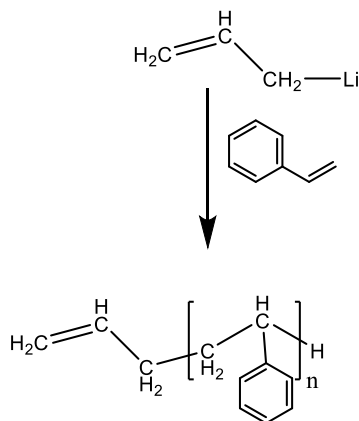


**Composition:**

| Mn x 10 <sup>3</sup> | PDI  |
|----------------------|------|
| 14.0                 | 1.25 |
| Functionality        | >99% |

**Synthesis Procedure:**

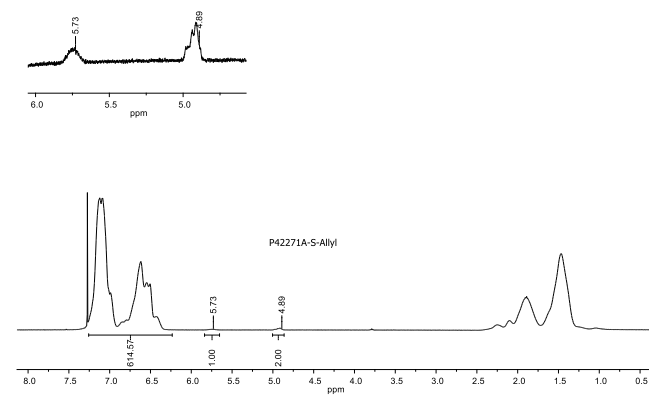
The following reaction scheme shows how the product was prepared:



**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 Allyl terminated PolyStyrene:**



**SEC elugram of the polymer:**

Agilent GPC/SEC Software

