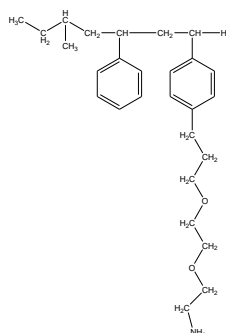


**Sample Name:** Poly(styrene)-graft-poly (ethylene oxide), PEO is amino-terminated

**Sample #:** P41762-SEONH2comb

**Structure:**

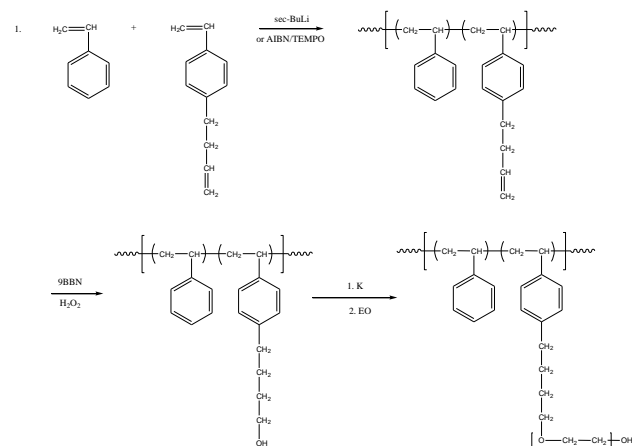


**Composition: Number of braches : 10 mole%**

Mn x 10 <sup>3</sup> (Main Chain)	Mn x 10 <sup>3</sup> (Graft Chain)	Mn x 10 <sup>3</sup> (Total Chain)	Mw/Mn (Total)
6.0	12.0	126.0	1.10
PEO: 10 branches			

**Synthesis Procedure:**

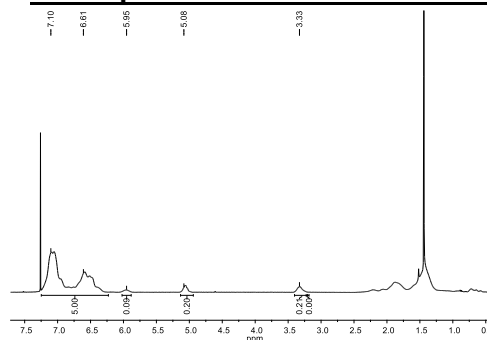
The following reaction scheme shows briefly how the product was prepared:



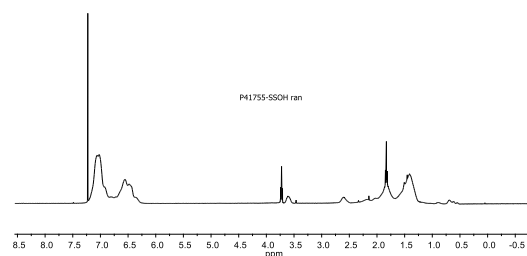
**Characterization:**

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

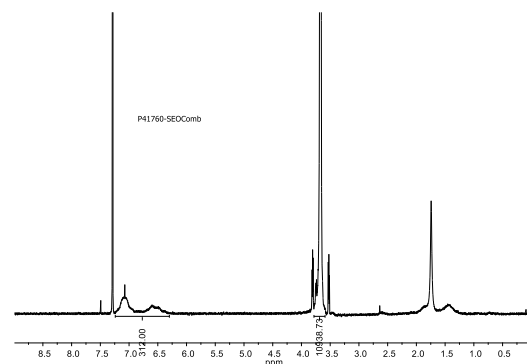
**NMR spectrum of SSButene random:**



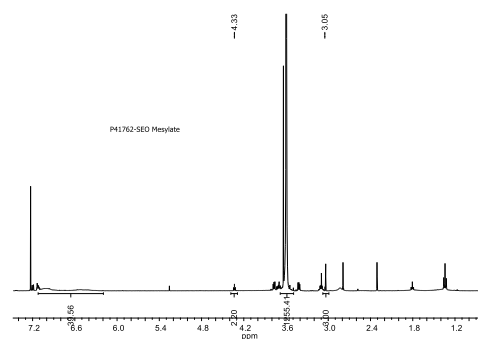
**NMR spectrum of SSButanol:**



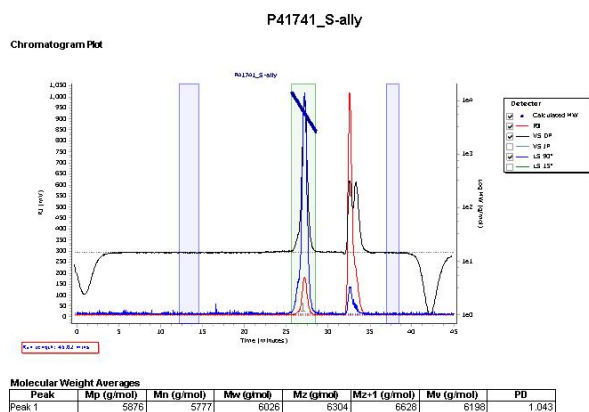
**NMR spectrum of SSEO graft:**



**NMR spectrum of SEO-Mesylate:**



## Agilent GPC/SEC Software



## Agilent GPC/SEC Software

