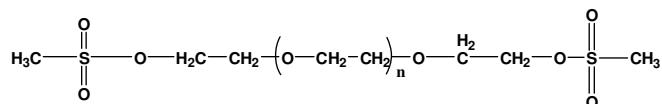


Sample Name:  
 **$\alpha$ ,  $\omega$ -bis(Mesylate) end-functionalized  
 Poly(Ethylene Glycol)**

Sample #: **P20257A-EG2Mes**

**Structure:**



**Composition:**

$M_n \times 10^3$	PDI	Functionality ( $-\text{SO}_3\text{CH}_3$ )
1.4	1.15	> 99%

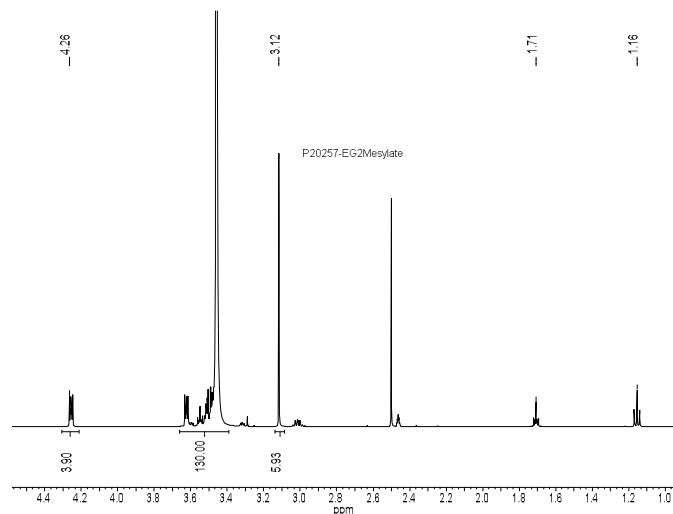
**Synthesis Procedure:**

The polymer was synthesized by anionic process.

**Characterization:**

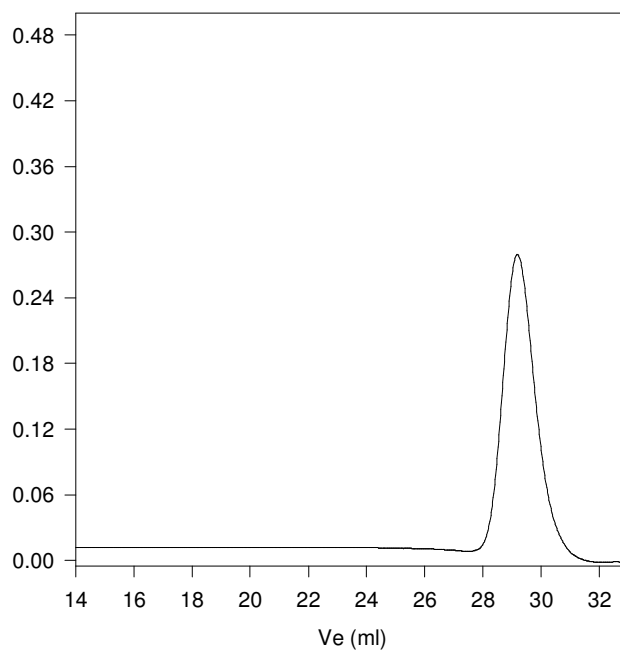
By HMMR and SEC analysis

**$^1\text{H}$  NMR of the polymer:**



**SEC of the polymer before terminating with  
 mesyl chloride (methane sulfonyl chloride):**

**P20257A-EG2Mesylate**



Size Exclusion Chromatography of Poly(ethylene glycol-2Mesylate)

$M_n=1,400$ ,  $M_w=1,630$ ,  $M_w/M_n = 1.15$