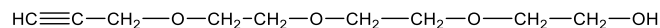


Sample Name:

**Poly(ethylene glycol), ( $\alpha$ -hydroxy,  $\omega$ -alkyne)-terminated**

Sample #: **P43749F3-EGOH-alkyne**

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
0.18	1.04
Functionality: 99%	

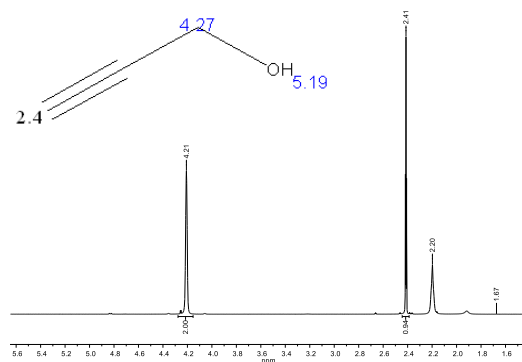
**Synthesis Procedure:**

The polymer was synthesized by ionic polymerization Process.

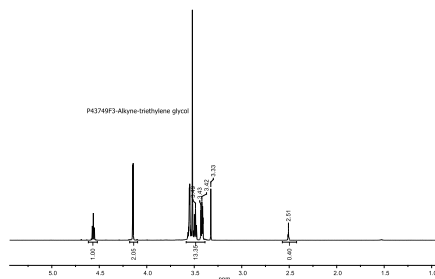
**Characterization:**

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

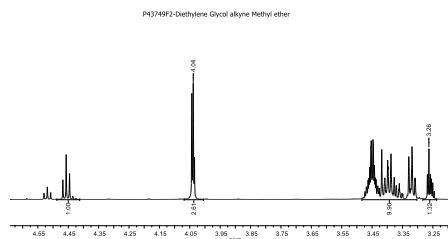
**<sup>1</sup>H-NMR of alkyne terminated PEO**



**HNMR spectrum of  $\alpha$ -alkyne-terminated Diethylene Glycol**



**HNMR spectrum of the Sample:**



**SEC profile of the Polymer:**

