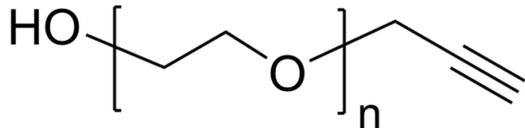


Sample Name:
Poly(ethylene glycol), (α -hydroxy, ω -alkyne)-terminated

Sample #: P43749F2-EGOH-alkyne

Structure:



Composition:

Mn x 10 ³	PDI
0.144	1.04
Functionality: 99%	

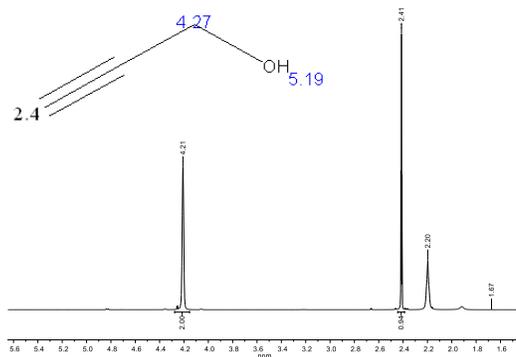
Synthesis Procedure:

The polymer was synthesized by ionic polymerization Process.

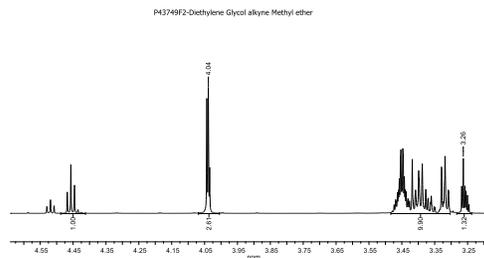
Characterization:

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

¹H-NMR spectrum of alkyne terminated PEO:



HNMR spectrum of α -alkyne-terminated Diethylene Glycol:



SEC profile of the Polymer:

