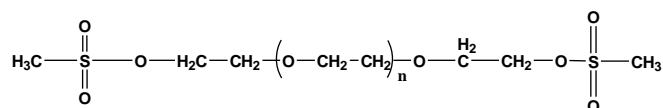


Sample Name: α , ω -bis(Mesylate) end-functionalized Poly(Ethylene Glycol)

Sample #: P40843-EG2Mes

Structure:



Composition:

Mn x 10 ³	PDI	Functionality (-SO ₃ CH ₃)
1.4	1.10	~ 98 %

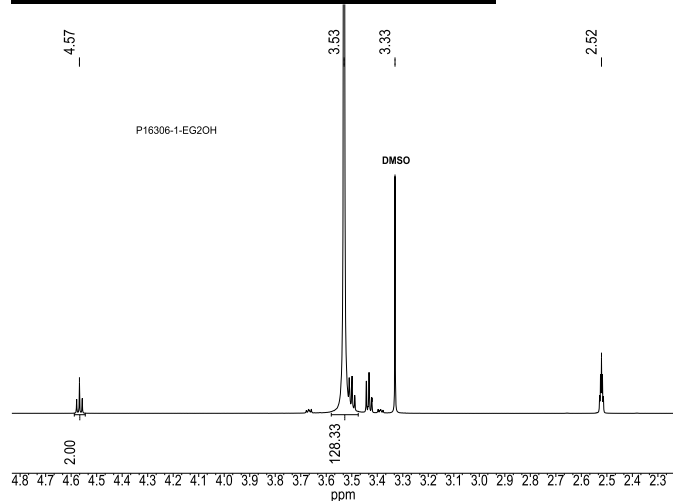
Synthesis Procedure:

The polymer was synthesized by anionic process and functionalized by reacting with methanesulfonyl chloride in THF.

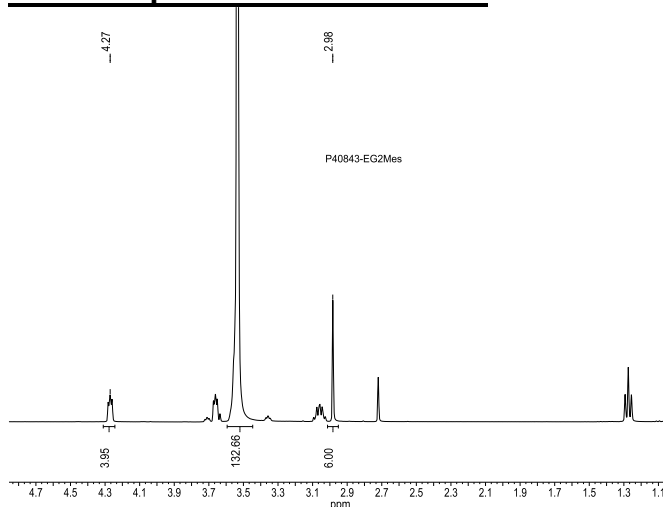
Characterization:

The molecular weight and polydispersity index (PDI) of the product are obtained by size exclusion chromatography (SEC) and ¹H NMR.

¹H NMR of the polyethylene glycol:



¹H NMR spectrum of the EG2Mes:



SEC of the polymer before terminating with methanesulfonyl chloride:

