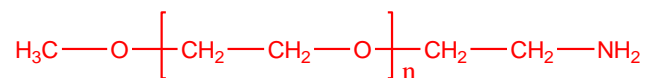


Sample Name:
 ω -Methoxy ω -amino end functionalized Poly(ethylene glycol)

Sample #: P11447-EGOCH3NH2

Structure:



Composition:

Mn x 10 ³	PDI	Functionality (NH ₂)
8.0	1.08	> 99%

Synthesis Procedure:

By anionic process

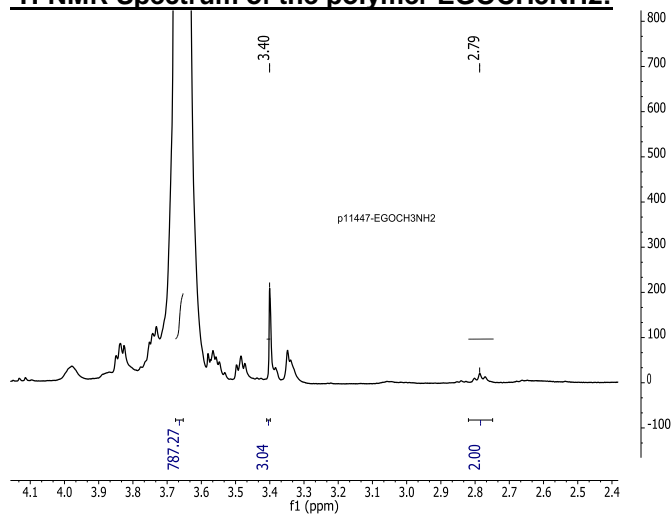
Characterization:

Polymer was analyzed by size exclusion chromatography (SEC) to obtain the molecular weight and polydispersity index (PDI). The end functionality was calculated from ¹H-NMR spectroscopy.

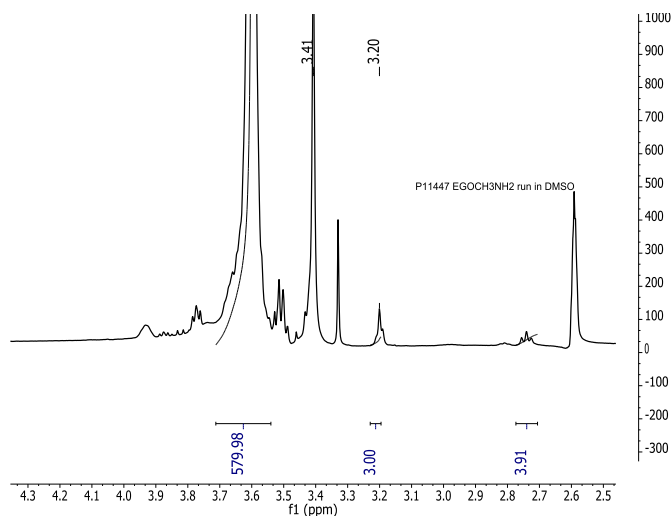
Solubility:

unctionalized Poly(ethylene oxide) is soluble in CHCl₃, THF, and precipitated out from cold diethyl ether.

¹H-NMR Spectrum of the polymer EGOCH3NH2:



HNMR in DMSO:



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

P11447-Precursor for EGOCH3NH2

