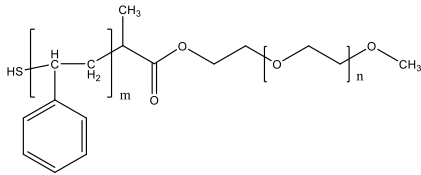


Sample Name: α -Methoxy- ω -thiol terminated Poly (ethylene oxide-b-Styrene)

Sample #: P42829B-EGS-SH

Structure:

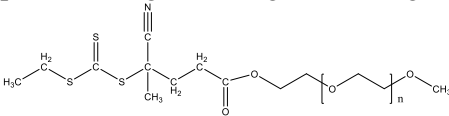


Composition:

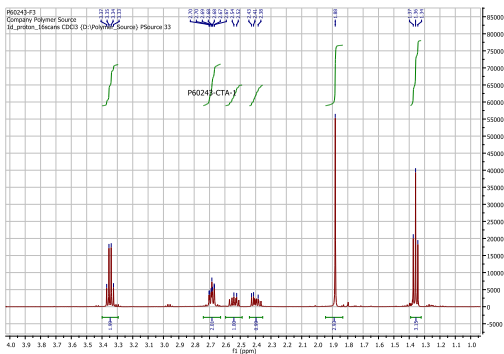
Mn x 10 ³ EG-b-S	Mw/Mn (PDI)
1.0-b-34.0	1.1

Synthesis Procedure:

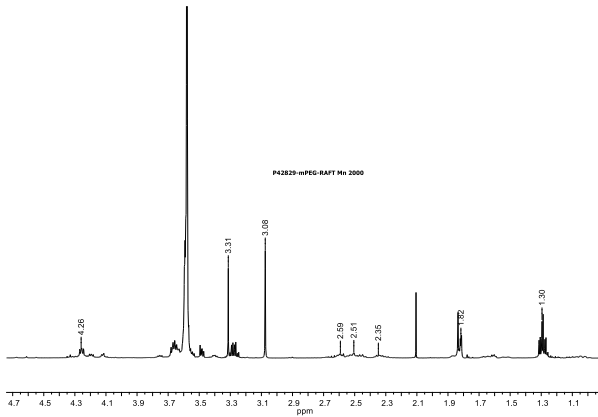
The polymer was synthesized by RAFT polymerization process using following RAFT reagent:



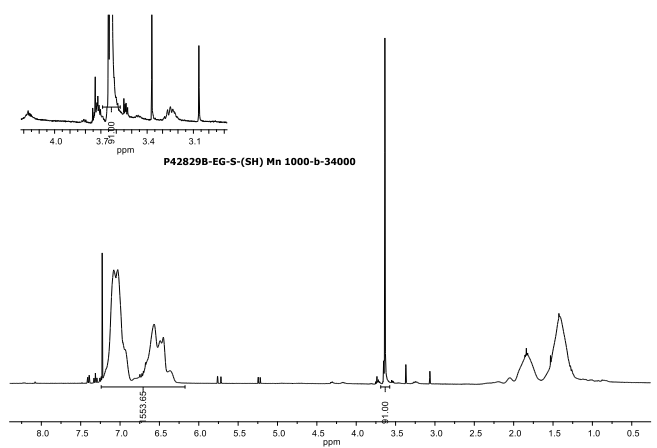
$^1\text{H-NMR}$ (400 MHz, CDCl_3) spectrum of the RAFT:



$^1\text{H-NMR}$ spectrum (400 MHz, CDCl_3) of the mPEG-RAFT:

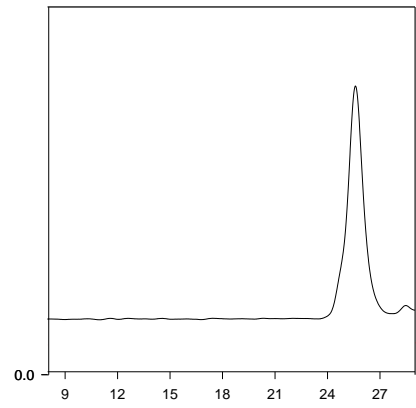


$^1\text{H-NMR}$ spectrum (400 MHz, CDCl_3) of the EG-b-S RAFT:



SEC elugram of P42829-mPEG-RAFT:

P42829-mPEG-RAFT



Size exclusion chromatography of the polymer: $M_n = 1,000$, $PI = 1.10$

SEC elugram of the Sample:

