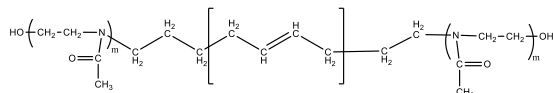


Sample Name:

Poly(2-methyloxazoline-b-Butadiene-b-2-methyloxazoline) Triblock Copolymer

Sample #: **P43939-MOXZBdMOXZ**

Structure:

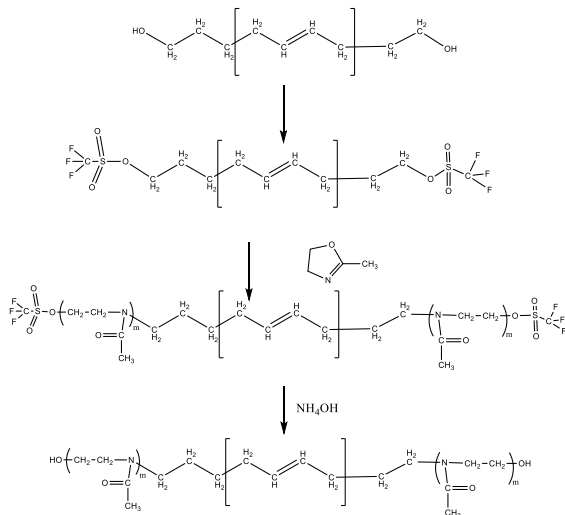


Composition:

Mn x 10 ³	PDI
2.3-b-2.5-2.3	1.3
Dp of each block 27-b-46-b-27	
Poly butadiene rich in 1,4 addition over 92%	

Synthesis Procedure:

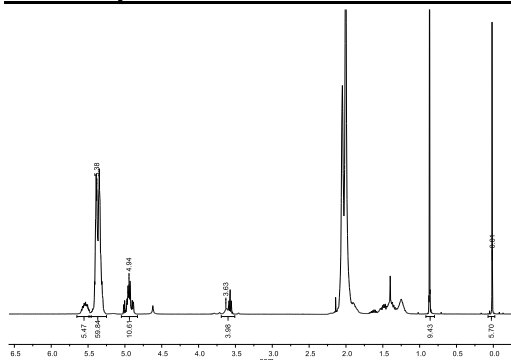
The reaction of polymerization can be illustrated as follows:



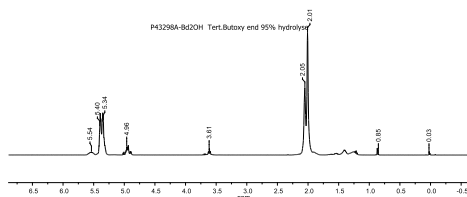
Characterization:

The product was characterized by size exclusion chromatography (SEC) and ¹HNMR.

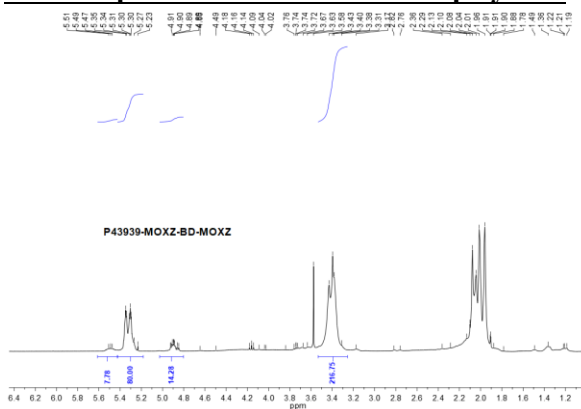
HNMR spectrum of BDOH-tBuDMSiloxo:



H NMR spectrum of the Sample:



HNMR spectrum of the Triblock copolymer:



SEC elugram of the Sample:

