

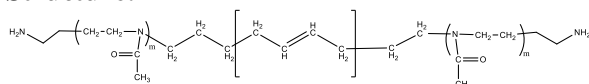
Sample Name:

Poly(2-methyl oxazoline)-b-poly(1,4-butadiene)-b-poly(2-methyl oxazoline), α,ω -bis(amino)-terminated

Sample #:

P43939B-NH2MOXZBdMOXZNH2

Structure:

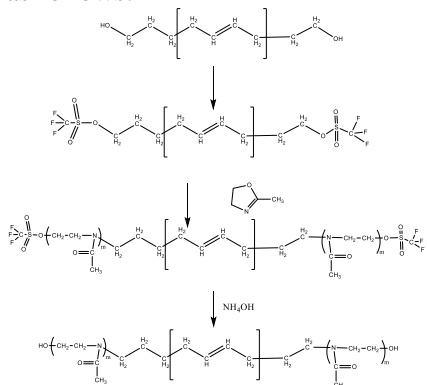


Composition:

Mn x 10 ³	PDI
2.0-b-2.5-2.0	1.3
Dp of each block 24-b-46-b-24	
Poly butadiene rich in 1,4 addition over 92%	

Synthesis Procedure:

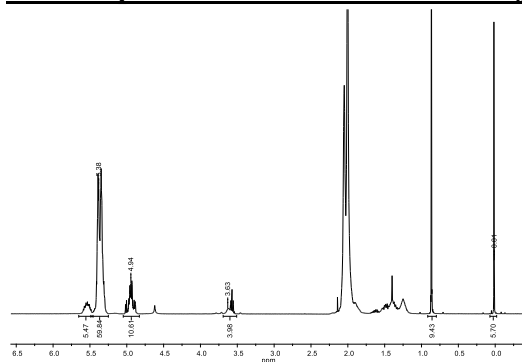
The reaction of polymerization can be illustrated as follows:



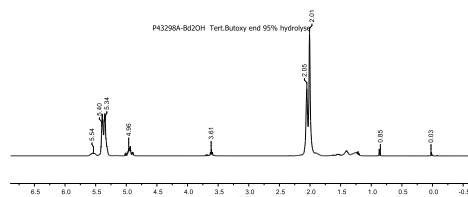
Characterization:

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

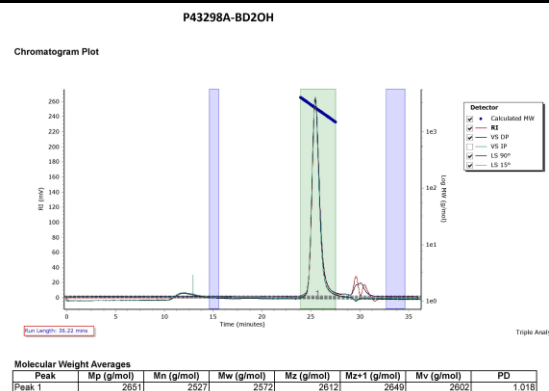
HNMR spectrum of BDOH-tBuDMSiloxo:



H NMR spectrum of the PBd2OH Sample:



SEC elugram of the P43939 PBd2OH Sample:



HNMR spectrum of the Triblock copolymer: MOXZ-BD-MOXZ

