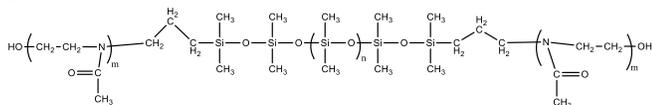


Sample Name:

Poly(2-methyloxazoline-*b*-dimethylsiloxane-*b*-2-methyloxazoline) Triblock Copolymer
Propyl linker

Sample #: P42807-MEOXZDMSMEOXZ

Structure:

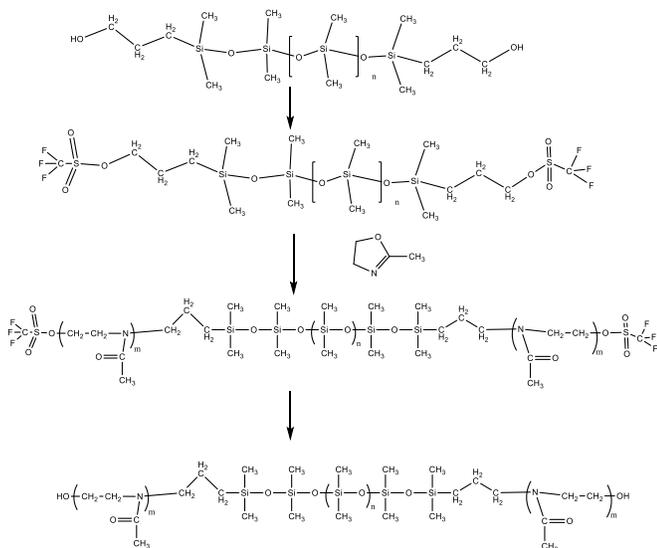


Composition:

| Mn x 10 ³ MOXZ-DMS-MOXZ | PDI | Dp: |
|---------------------------------------|------|--------------|
| 0.85-b-3.2-b-0.85 | 1.17 | 10-b-43-b-10 |

Synthesis Procedure:

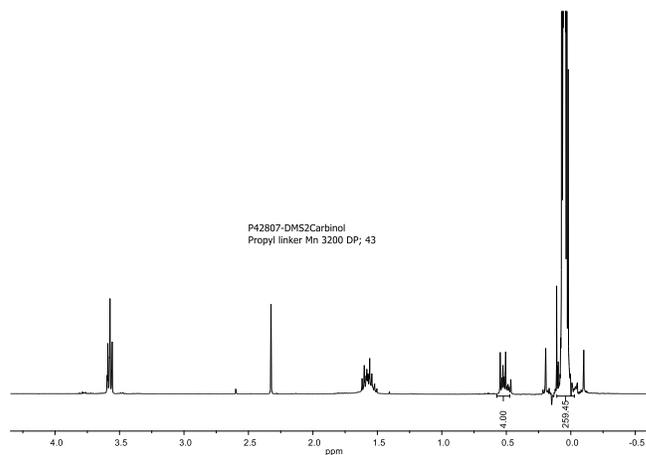
The following reaction scheme shows how the product was prepared:



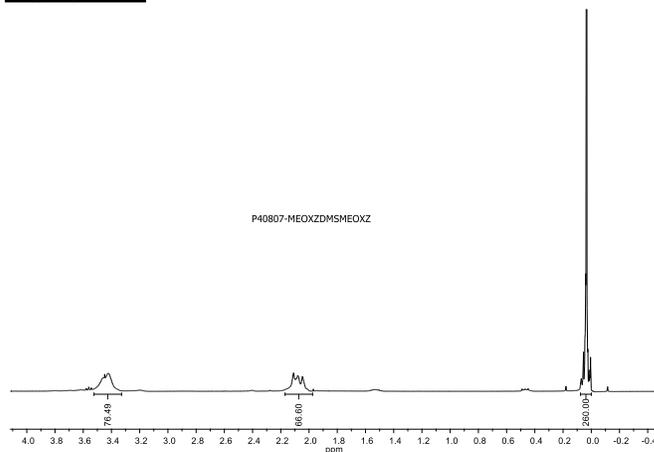
Characterization:

The product was characterized by ¹H NMR. GPC analysis of such kind of polymer cannot be carried out in THF or DMF as solvent. We have used a mixture of DMF/THF 20/80 by volume and added 3 V% (Et)₃N to elute such polymer. The values of Mw/Mn were determined, and the composition of the polymer by its HNMR.

¹H-NMR spectrum of PDMS-2OH (dicarbinol):



¹H-NMR spectrum of MOXZ-DMS-MOXZ triblock copolymer:



SEC elugram of the sample:

