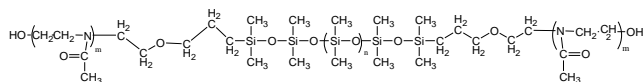


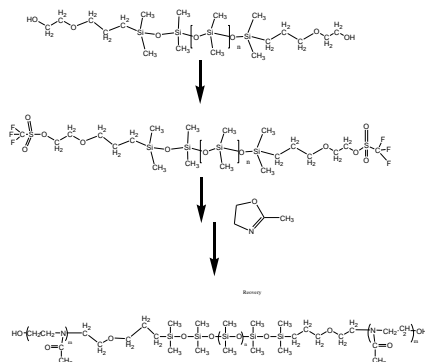
**Poly(2-methyloxazoline-*b*-dimethylsiloxane-*b*-  
2-methyloxazoline) Triblock Copolymer**  
*Linker Propyl ethoxy*

### Structure:



Mn x 10 <sup>3</sup> MEOXZ-DMS-MEOXZ	PDI	Dp:
3.2-2.5-3.2	1.4	38-b-33-b-38

The following reaction scheme shows how the product was prepared:



The product was characterized by  $^1\text{H}$  NMR.

**P42513 PDMSiH MN 2500**

5.6 5.2 4.8 4.4 4.0 3.6 3.2 2.8 2.4 2.0 1.6 1.2 0.8 0.4 0.0

ppm

4.7 H<sub>2</sub>O

2.8

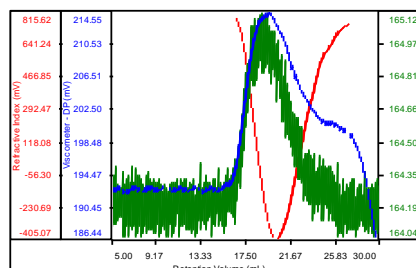
0.1 TMS

**P42513A-DMS25IH Mn 2500**

Chemical shift (ppm): 5.4, 5.0, 4.6, 4.2, 3.8, 3.4, 3.0, 2.6, 2.2, 1.8, 1.4, 1.0, 0.6, 0.2, -0.2, -0.6, -1.0

Integration values: 1.63 (at 2.6 ppm), 1.00 (at 0.1 ppm)

P41709A-DMS-2SiOH	
<b>dn/dc</b>	0.0900
<b>Solvent</b>	Toluene
<b>Flow Rate</b>	1.0000
<b>Method</b>	PS100K-July2019-0001.vcm



Sample	Mn	Mw	Mz	IV	Mw/Mn
2019-07-28_14:28:49_P41709A_01.vdt	2,553	2,667	2,811	0.0290	1.045