

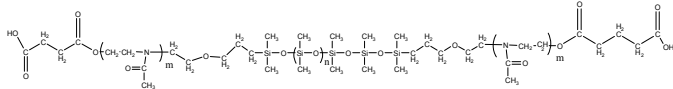
Sample Name:

**α - ω - dicarboxylic acid End Functionalized
Poly(2-methyloxazoline-b-dimethylsiloxane-b-
2-methyloxazoline) Triblock Copolymer**

Sample #:

P19431A-MEOXZDMSMEOXZ2COOH

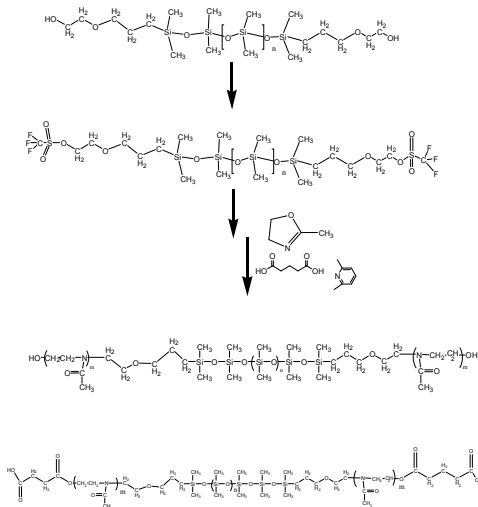
Structure:



Composition:

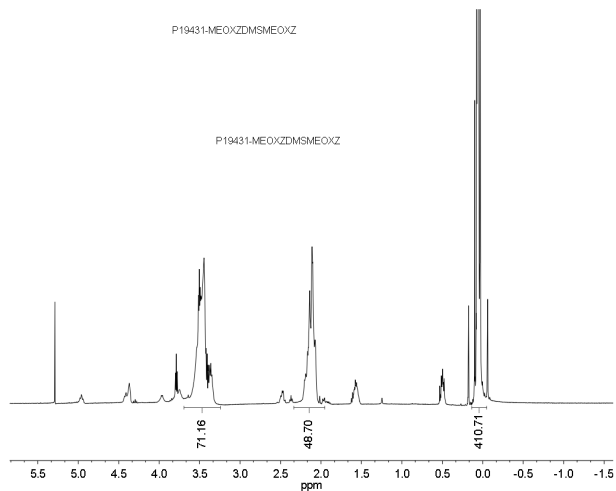
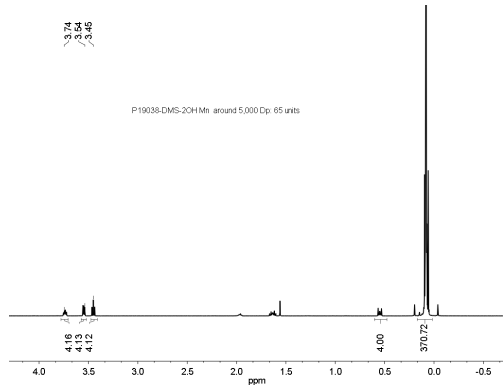
Mn x 10 ³ (g/mol)	M _w /M _n
0.8-b-5.0-b-0.8	1.4

Synthesis: The reaction of polymerization can be illustrated as follows:

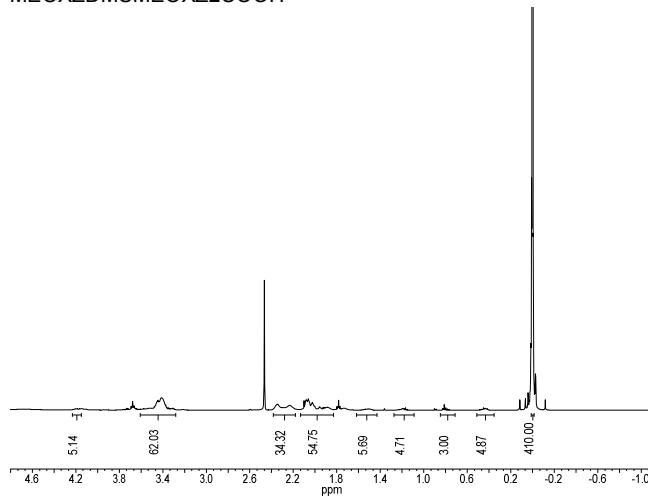


Characterization: SEC and ¹H NMR

HNMR of dicarbinol terminated PDMS



MEOXZDMSMEOXZ2COOH



PDMSdicarbinol used in this polymer:

DMS2OH (Propyl ethoxy linker)

