

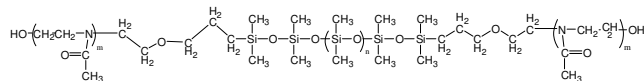
Sample Name:

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

Sample #: P18575P-H-MOXZDMSMOXZ

Electronic Grade

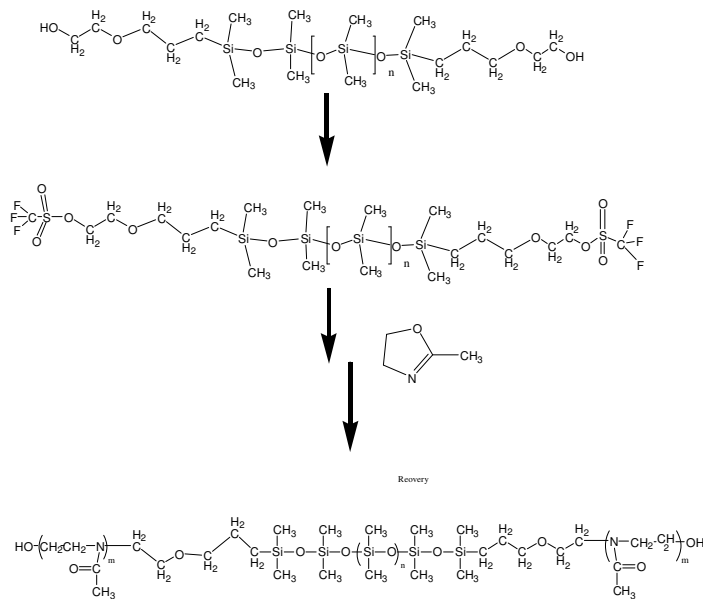
Structure:



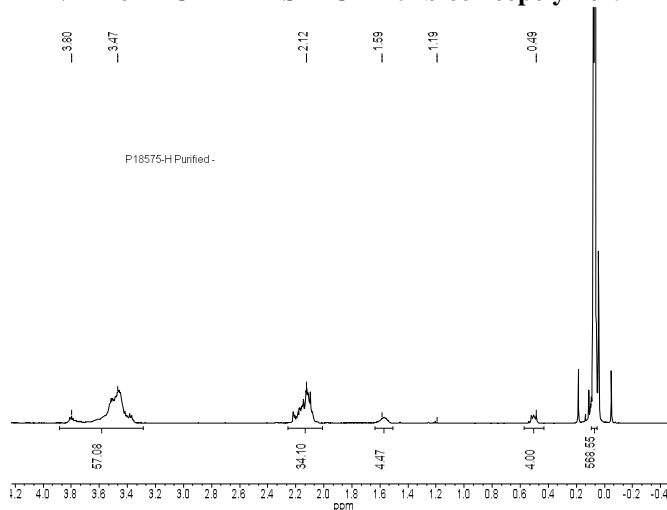
Composition:

Mn x 10 ³ MEOXZ-DMS-MEOXZ	PDI	Dp:
0.6-7.0-0.6	1.3	7-b-95-b-7

Synthesis Procedure:



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



Characterization:

The chemical composition was calculated by ¹H NMR done on Varian 500MHz instrument using CDCl₃ as a solvent. The molecular weights and the polydispersity indice were obtained by size exclusion chromatography (SEC) on varian liquid chromatograph equipped with UV, refractive index detector and SEC columns from Supelco. THF and DMF were used as the eluents. The columns were calibrated with monodisperse poly(dimethyl siloxane). The molecular weight of side block was calculated based on the molecular weight of center block and the chemical composition.