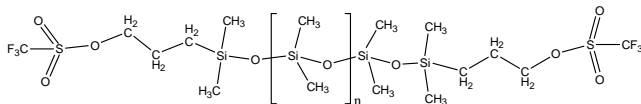


Sample Name:

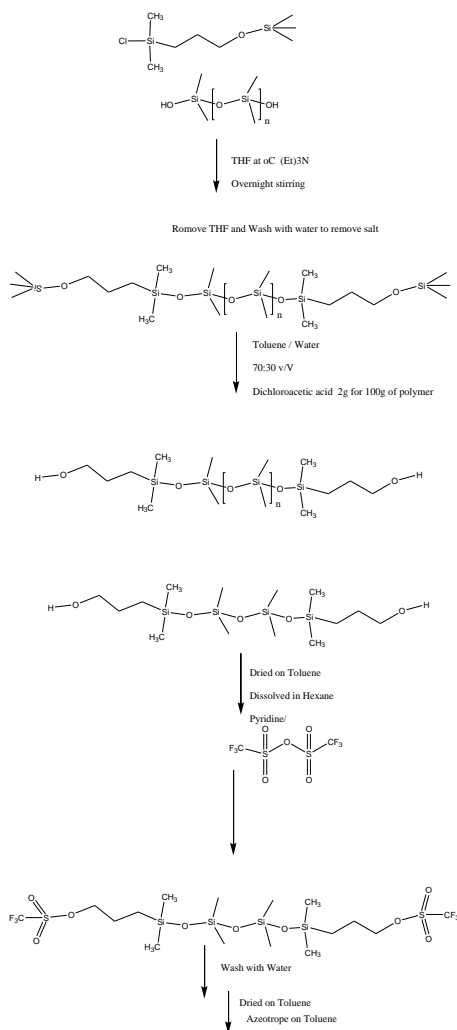
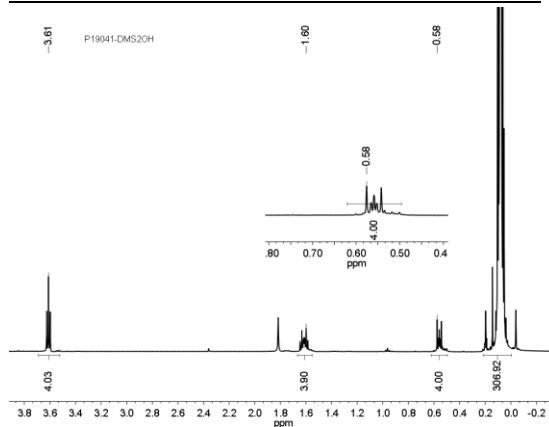
Trifluoromethane sulfonic acid end functionalized
Poly(dimethylsiloxane)
Linker Propyl

Sample #:

P19042-DMS2CF3

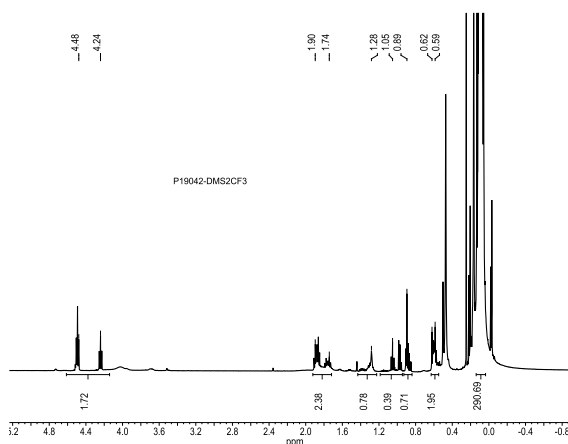
Structure:**Composition:**

Mn x 10 ³ DMS	PDI
3.8	1.32
Dp	51 units

Characterization:**¹H NMR of Dicarbinol terminated PDMS:**

After reaction with Trifluoromethane sulfonic anhydride: Stoichiometric amount, HNMR of the product indicate some kind of redistribution of siloxane chain :

1. Absence of chemical shifts at 3.6 ppm indicates absence of terminal carbinol
2. Triflate end functionality was found only 50%

**SEC Profile: P19041-DMS2OH used in this synthesis**