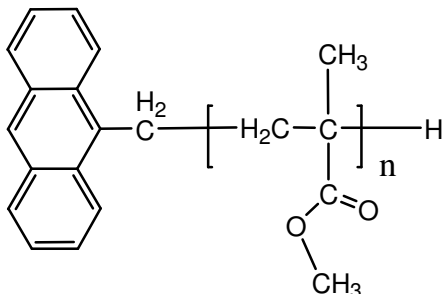


Sample Name: Anthracene Terminated
Poly(methyl methacrylate)

Sample #: P14993-MMA-An

Structure:



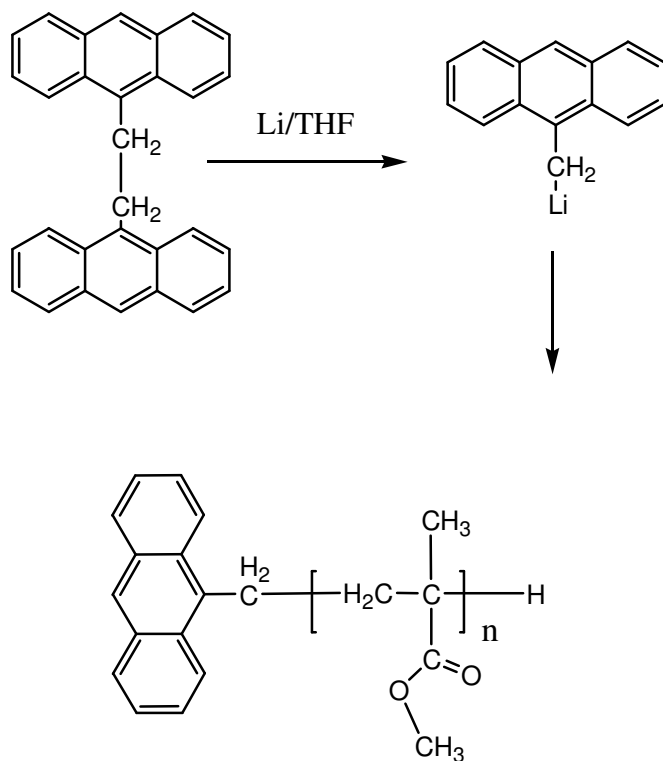
Composition:

Mn x 10 ³	PDI
8.0	1.10

Microstructure (S:H:I)	73:23:4
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Synthesis Procedure:

The polymer was synthesized by anionic process:



Characterization:

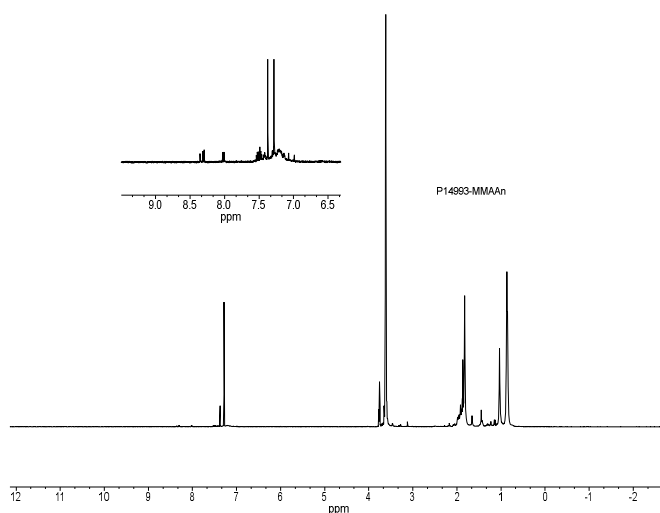
The polymer was characterized by size exclusion chromatography (SEC) and ¹H NMR.

Functionality: functionality of the obtained polymer was determined by proton NMR.

Solubility:

Anthracene terminated PMMA is soluble in DMF, THF, toluene, and CHCl₃. It precipitates from methanol, hexane and water.

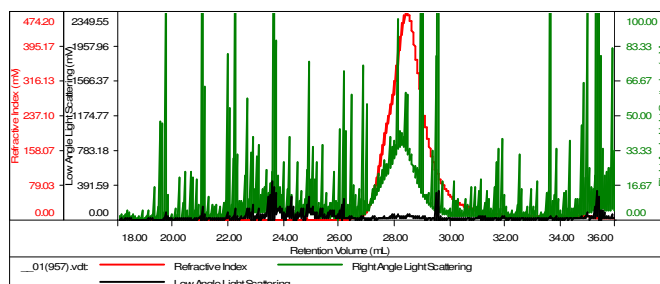
¹H NMR spectrum of polymer:



SEC elugram:

Sample ID:P14993-MMA

Concentration (mg/mL)	9.0635
Sample dn/dc (mL/g)	0.0940
Method File	PS80K-Jan-2016-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mv (Da)	Mw/Mn	IV (dL/g)	PDI
_01(957).vdt	9,163	10,079	1.100	0.2294	2.57