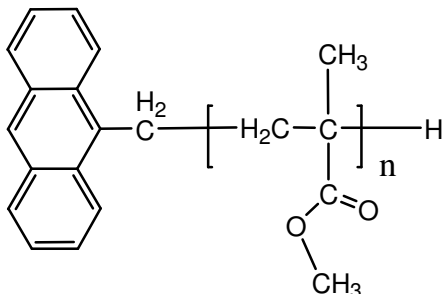


Sample Name: Anthracene Terminated Poly(methyl methacrylate)

Sample #: P19711-MMA-An

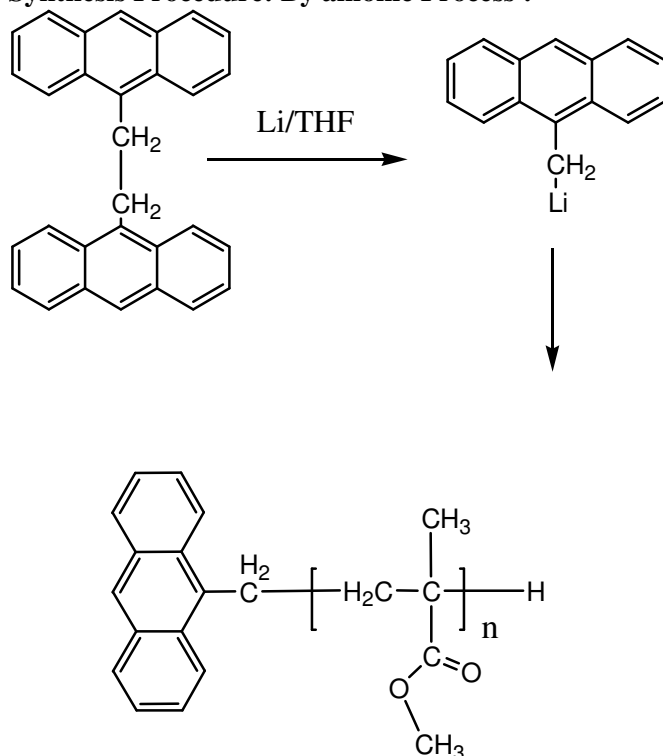
Structure:



Composition:

Mn x 10 ³	PDI
16.5	1.8
Microstructure (S:H:I)	
68:28:4	

Synthesis Procedure: By anionic Process :



Characterization:

The polymer was characterized by SEC and ¹H NMR.

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

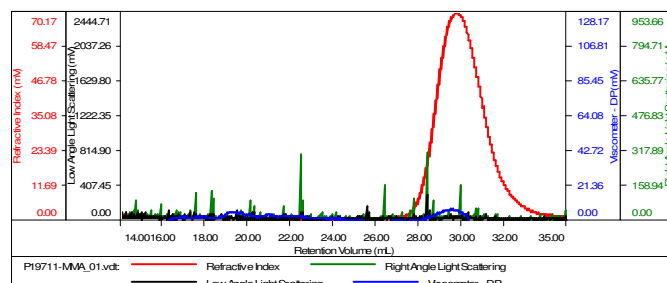
Solubility:

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

SEC elugram:

Sample ID-P19711-MMAAn

Concentration (mg/mL)	2.3217
Sample dn/dc (mL/g)	0.0840
Method File	PS30K-Jan-2016-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mw	Mw/Mn	Mz	IV
P19711-MMA_01.vct	16,575	30,880	1.863	376,318	0.1532

¹H NMR spectrum of polymer:

