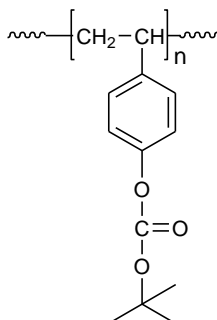


Sample Name:
Poly (4-((tert-butoxycarbonyl) oxy) styrene)

Sample #: **P16287A-4BOCS**

Structure:



Composition:

$M_n \times 10^3$	PDI
481.0	1.4

Synthesis Procedure:

Poly (4-((tert-butoxycarbonyl) oxy) styrene) is synthesized by radical polymerization Process.

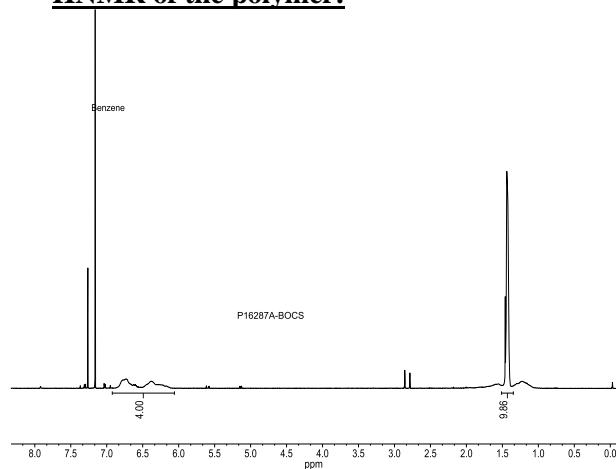
Characterization:

The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography in THF.

Solubility:

Poly (4-Boc-styrene) is soluble in DMF, THF, toluene and CHCl_3 . It precipitates from methanol, ethanol, water and hexanes.

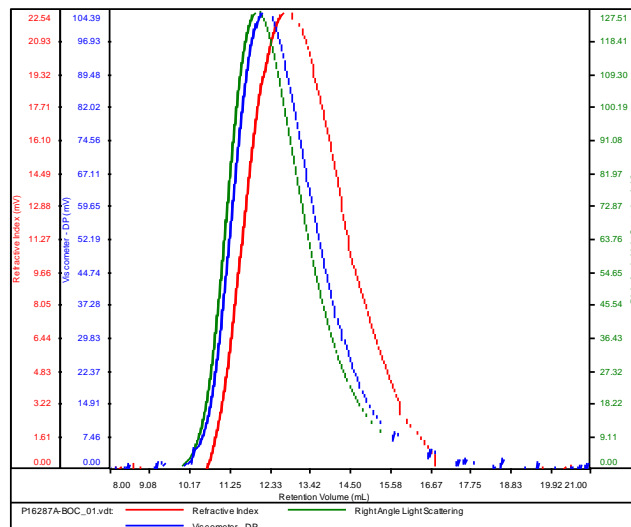
HNMR of the polymer:



SEC elugram of Homopolymer:

P16287A-BOCS

Conc	1.6480
dn/dc	0.1650
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS100k_2017-Oct11-0000.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
P16287A-BOC_01.vdt	480,927	691,805	606,575	1.438	1.8823