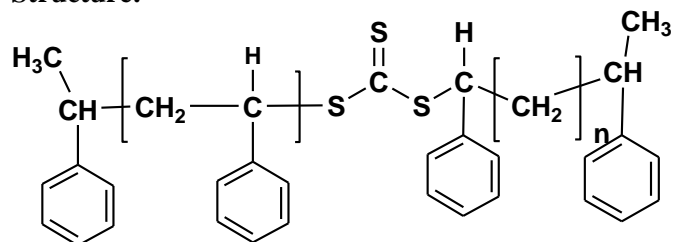


Sample Name: Trithiocarbonate RAFT moiety in the center of Poly styrene chains

Sample #: P16292-S-RAFT-S

Structure:

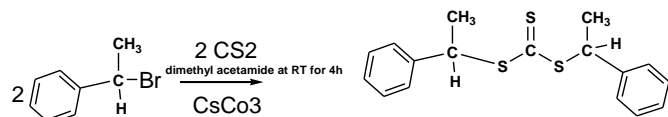


Composition:

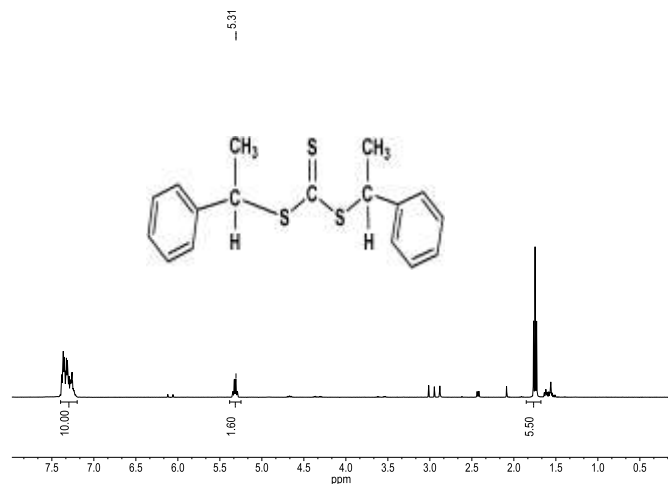
$M_n \times 10^3$	PDI
6.0	1.06

Synthesis Procedure:

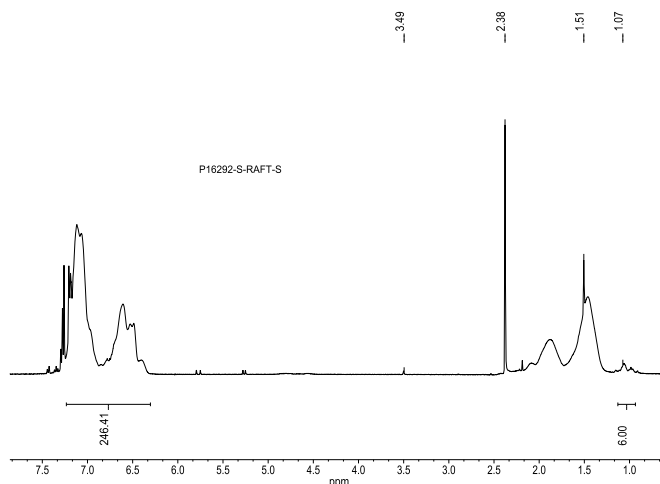
The polymer is prepared by RAFT polymerization process using following RAFT reagent:



^1H NMR of the RAFT reagent:



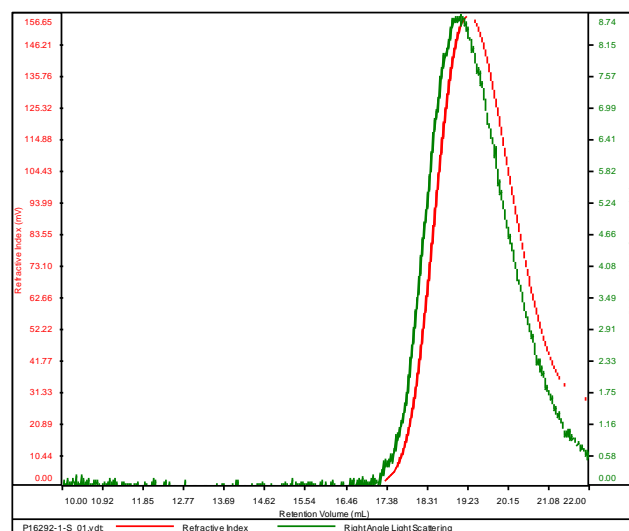
^1H NMR spectrum of the Polymer:



SEC elugram of the polymer:

P16292-1

Conc	8.5081
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
P16292-1-S_01.vdt	5,974	6,354	6,345	1.064	0.0579

Characterization:

The molecular weight and polydispersity index (PDI) of the polymer are obtained by size exclusion chromatography (SEC), and ^1H NMR analysis.