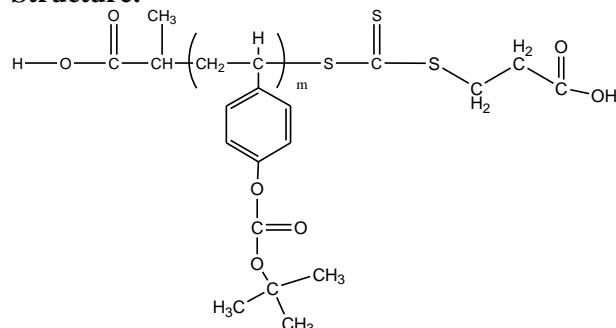


Sample Name:
Poly (4-((tert-butoxycarbonyl)oxy)styrene)

Sample #: **P40797C-4BOCS**

Structure:



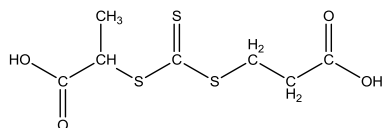
Composition:

Mn x 10 ³	PDI
16.0	1.23

Synthesis Procedure:

The polymer was synthesized by RAFT process using following RAFT reagent:

Structure:

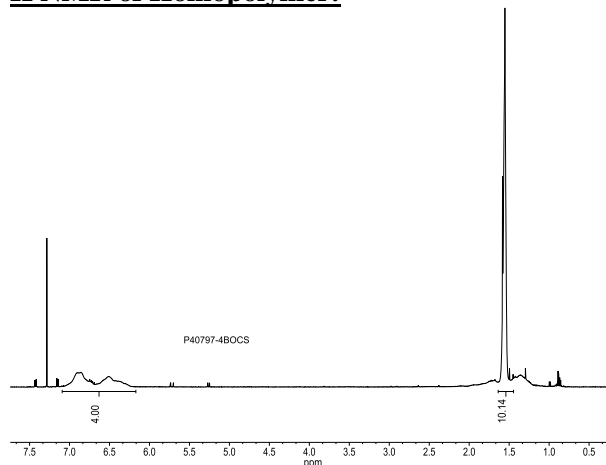


Chemical Formula: C₇H₁₀O₄S₃
Molecular Weight: 254.3

¹H NMR spectrum of RAFT reagent (500 MHz, DMSO-d₆):



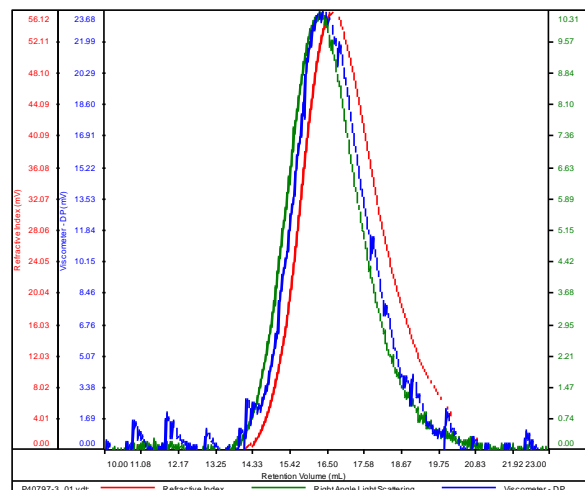
¹H NMR of Homopolymer:



SEC elugram of the polymer:

P40797C-BOCS

Conc	3.7654
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
P40797-3_01.vdt	16,146	19,957	19,930	1.236	0.1883

Characterization:

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