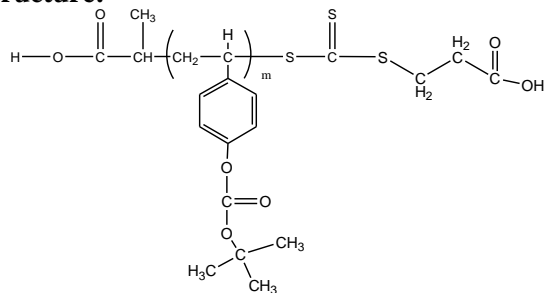


Sample Name:  
**Poly(4-((tert-butoxycarbonyl)oxy)styrene)**

Sample #: **P40794-4BOCS**

Structure:



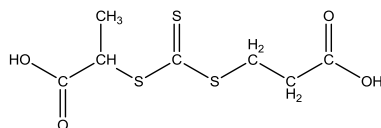
Composition:

Mn x 10 <sup>3</sup>	PDI
17.0	1.07

Synthesis Procedure:

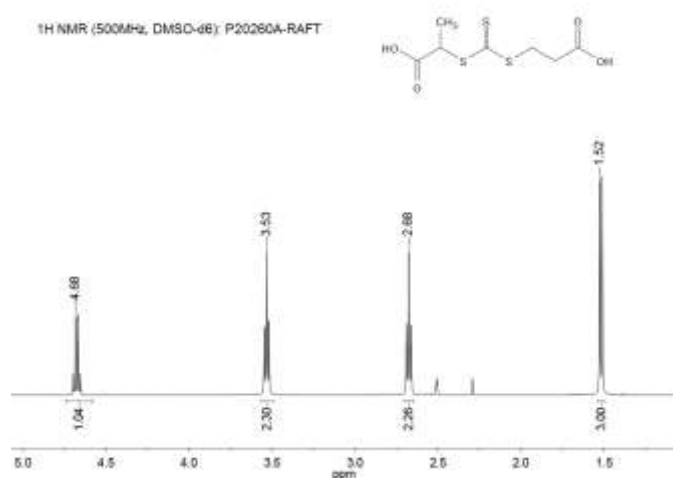
The polymer was synthesized by RAFT process using following RAFT reagent:

Structure:

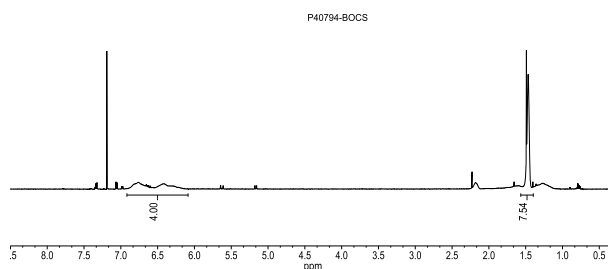


Chemical Formula: C<sub>7</sub>H<sub>10</sub>O<sub>4</sub>S<sub>3</sub>  
Molecular Weight: 254.3

<sup>1</sup>H NMR spectrum of RAFT reagent (500 MHz, DMSO-d<sub>6</sub>):



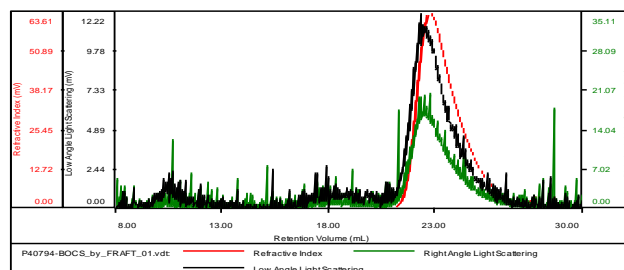
<sup>1</sup>H NMR of Homopolymer:



SEC elugram of the polymer:

**p40794-4BOCS**

Concentration (mg/mL)	0.4524
Sample dn/dc (mL/g)	0.1850
Method File	PS100K-SEPT19-2017-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
P40794-BOCS_by_FRAFT	17,185	18,433	1.073	0.3190	17,471