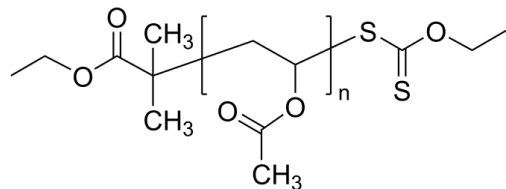


**Sample Name:** Poly(vinyl acetate),  $\omega$ -RAFT-terminated

**Sample #:** P60643-VAc-RAFT

**Structure:**

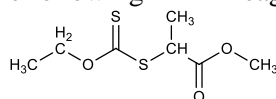


**Composition:**

$M_n \times 10^3$	PDI
15.0	1.25

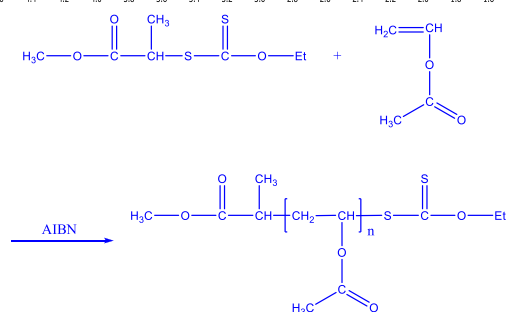
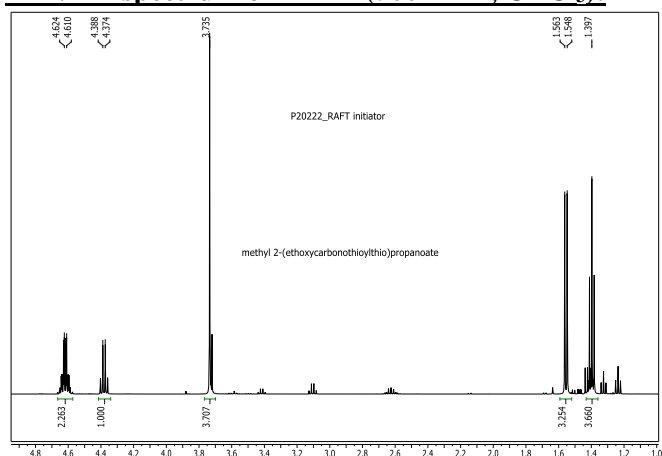
**Synthesis Procedure:**

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



Chemical Formula:  $C_7H_{12}O_3S_2$   
Molecular Weight: 208.3

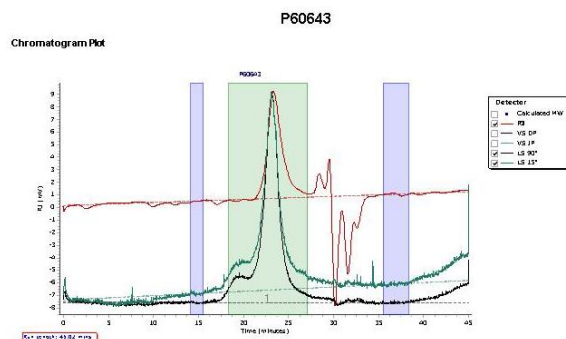
**$^1H$  NMR spectrum of RAFT (500 MHz,  $CDCl_3$ ):**



**Characterization:**

The molecular weight and polydispersity index (PDI) of the polymer are obtained by size exclusion chromatography (SEC) in THF as eluent.

**SEC elugram of the Sample:**



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mr (g/mol)	PDI
Peak 1	20418	15159	18941	22234	25300	21578	1.249