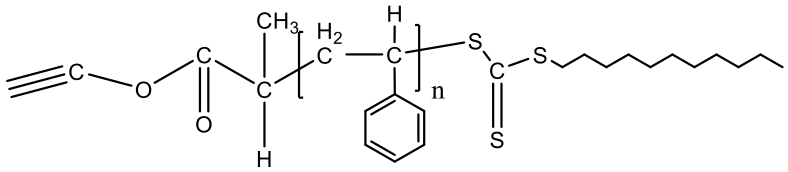
Product Profile

Identification

Product Name: Poly(styrene), (α-Alkyne, ω-thiol)-terminated

Sample #: **P45778A-SH-S-Alkyne**

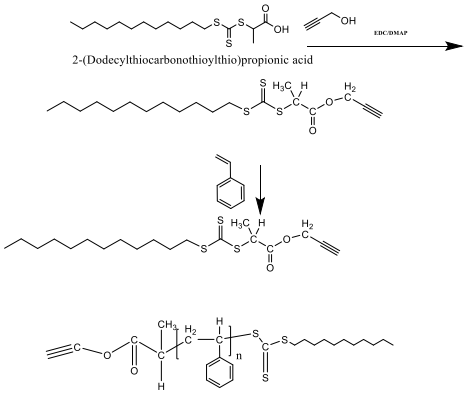
Structure:



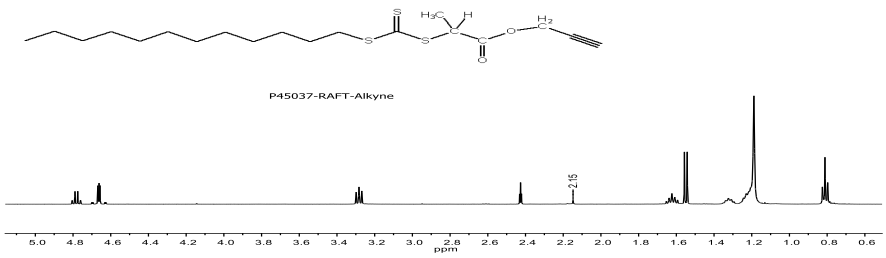
Composition:

Mn x 10^3	Mw/Mn (PDI)
5.0	1.17

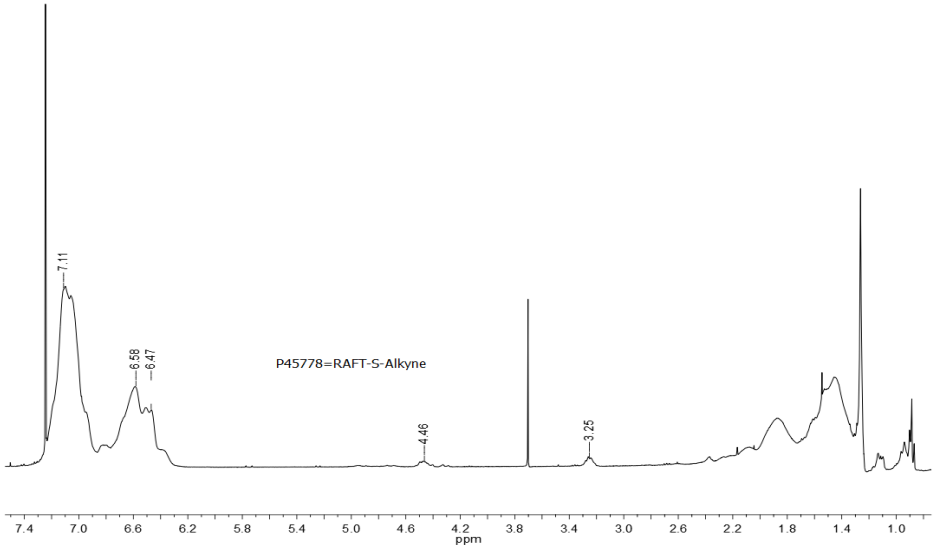
Synthesis: By RAFT process:



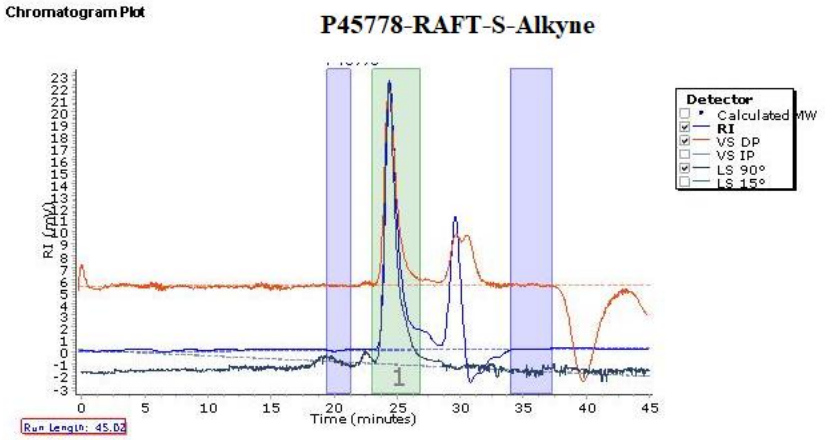
A. NMR (HNMR) of RAFT



RAFT-S-Alkyne



B. GPC Profile in THF with 0.4% (Et)3N



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	6614	4892	5743	6384	6886	6172	1.174