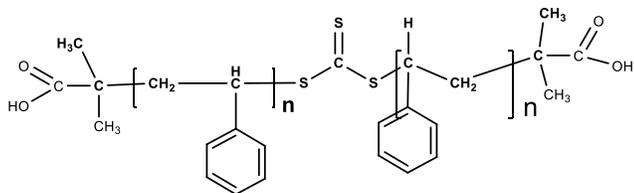


Sample Name:
Poly(styrene), α,ω -bis(carboxy)-terminated

Sample #: P43227-S2COOH

Structure:

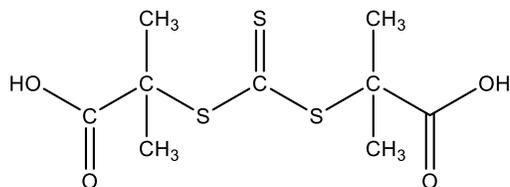


Composition:

Mn x 10 ³	PDI
5.0	1.01

Synthesis Procedure:

The functionalized polymer was prepared by RAFT polymerization process using following RAFT reagent:



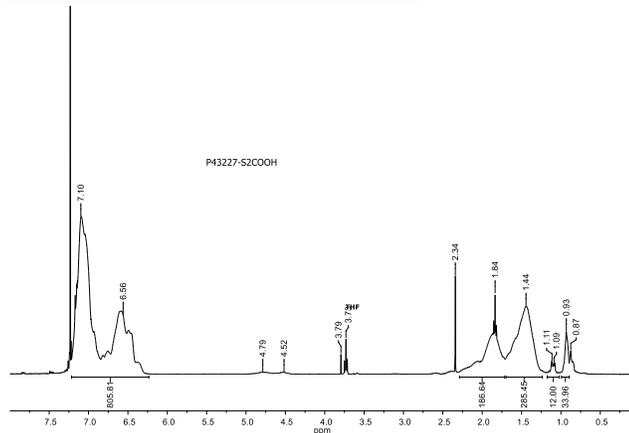
Characterization:

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

Solubility:

Polymer is soluble in THF, Dioxane, and CHCl₃. It precipitated out from methanol/water, and in cold hexane.

HNMR spectrum of the polymer:



SEC elugram of the Sample:

