

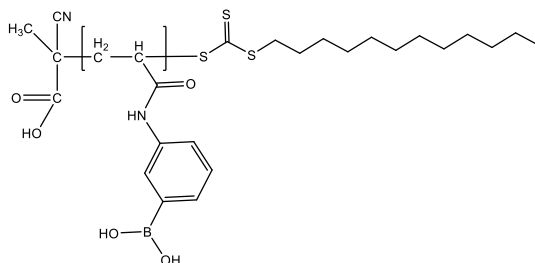
Product Profile

Identification

Product Name: poly (3-acrylamido phenylboronic acid)-RAFT

Product Lot Number: P44914A-AAPBA

Product Chemical Architecture:



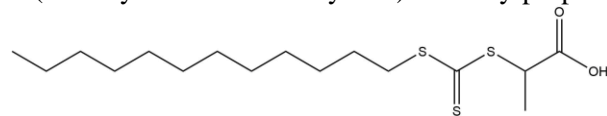
Composition:

Mn x 10 ³	Mw/Mn (PDI)
3.5	1.3
Dp ₂₀ AAPBA from ¹ H NMR	

Method of Synthesis

The polymer is synthesized by RAFT polymerization process using the following RAFT agent.
2-(Dodecylthiocarbonothioylthio)-2-methylpropionic acid

RAFT-TSC-1



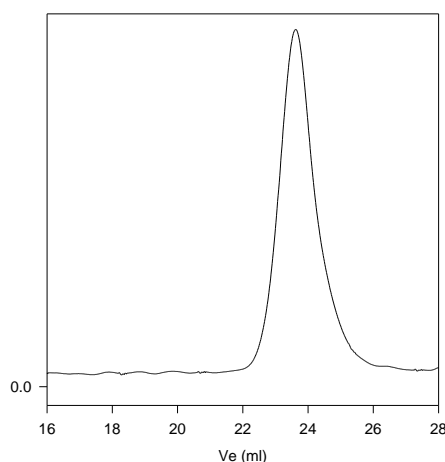
Solubility in different solvents

THF	Opaque solution	Methanol	√
Water	X		
DMF	√		

Validation of Architecture

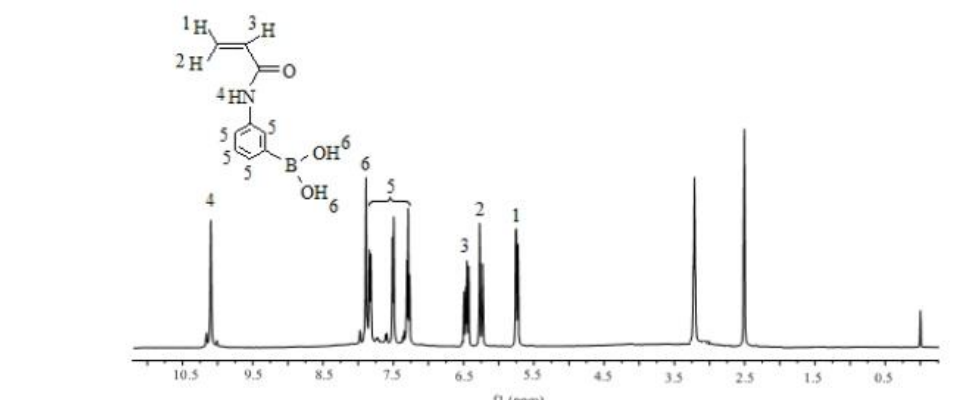
A. Gel Permeation Chromatography (GPC), SEC-In DMF

P44914A-AAPBA



— M_n= 3,000, M_w=4,000, /M_n=1.3

B. NMR (HNMR) of the monomer:



C. NMR (HNMR) of the Polymer in CD3OD

