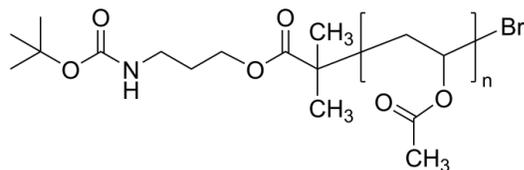


Sample Name: Poly(vinyl acetate), α -amino-terminated (BOC-protected)
BOC: tert-butyloxycarbonyl protecting group

Sample #: P43477-VAc-BOCNH2

Structure:

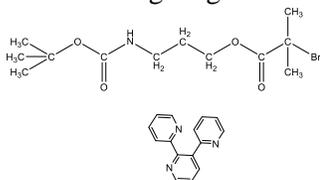


Composition:

$M_n \times 10^3$	PDI
5.5	1.77

Synthesis Procedure:

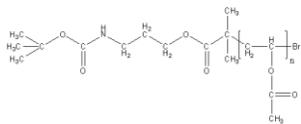
The polymer is prepared by ATRP polymerization process using the following reagents:



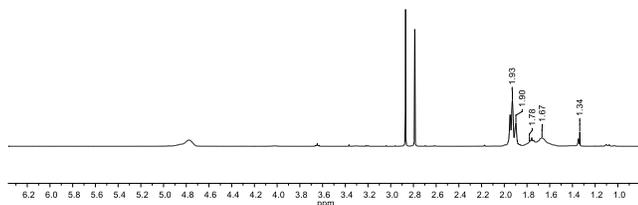
Characterization:

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

^1H NMR spectrum of Polymer (500 MHz, CdCl_2):



P43477-VAc-BOCNH2

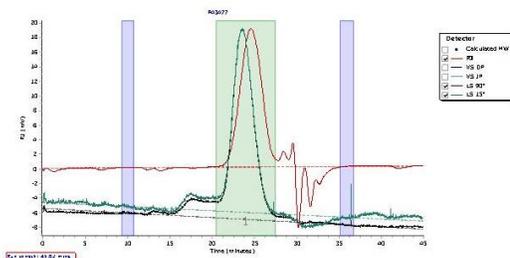


SEC elugram of the Sample:

Agilent GPC/SEC Software

P43477

Chromatogram Plot



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mo (g/mol)	PDI
Peak 1	71281	54741	97181	171771	288881	147981	1.775