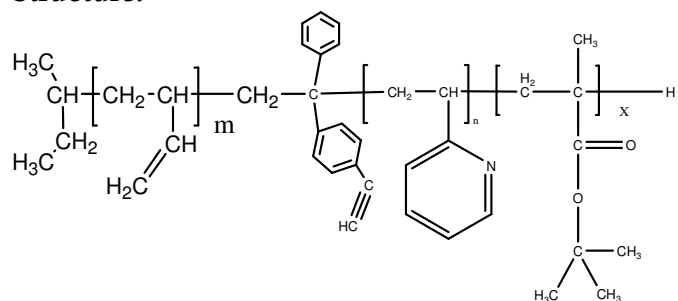


Sample Name:

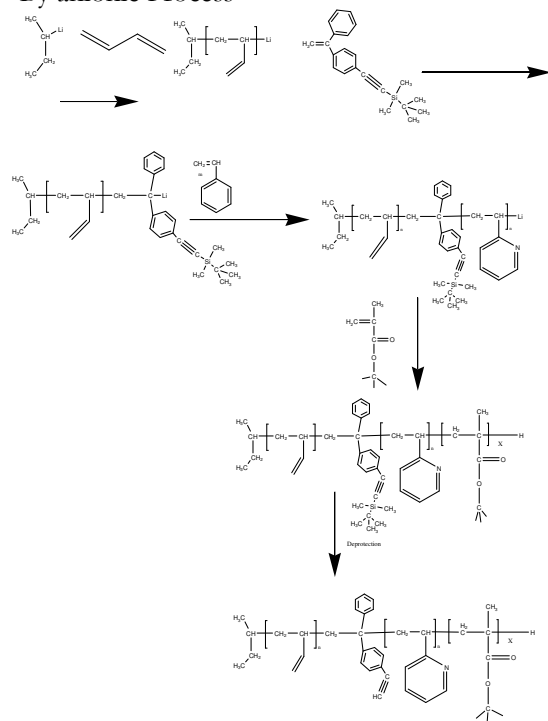
Poly(Butadiene-b-2-vinyl pyridine-tertbutyl methacrylate) bearing ethynyl (acetylenic triple bond) phenyl-phenyl ethylene at the junction of Bd-2VP block

Sample #: P18691-Bd(acetylene) 2VPtBuMA**Structure:****Composition:**

Mn x 10 ³	PDI
Bd-b-2VP-b-tBuMA	
55.0-b-130.0-b-65.0	1.19

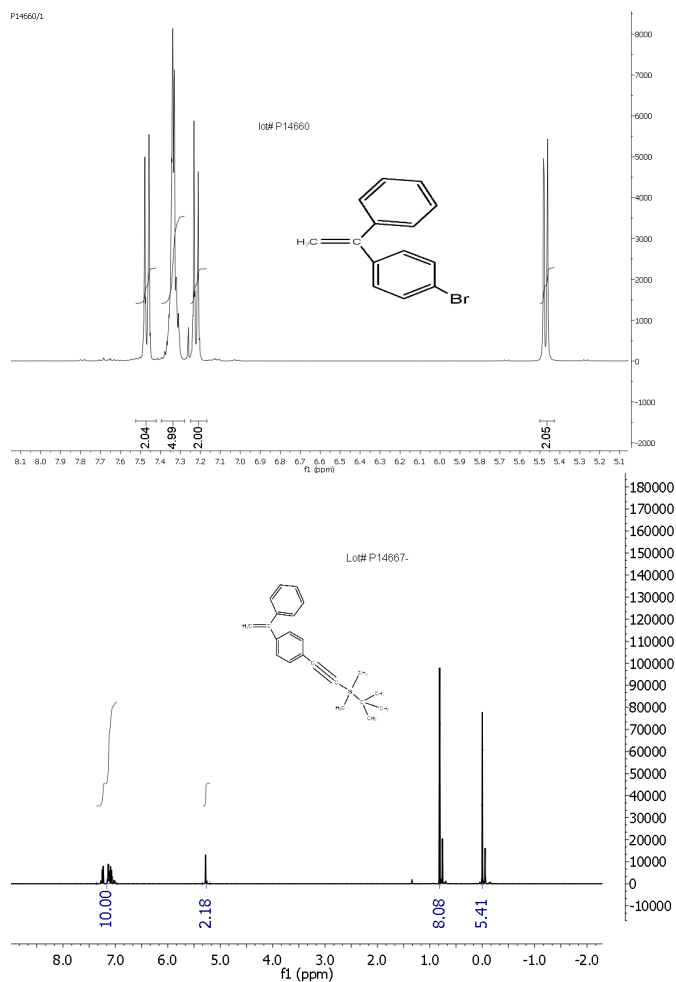
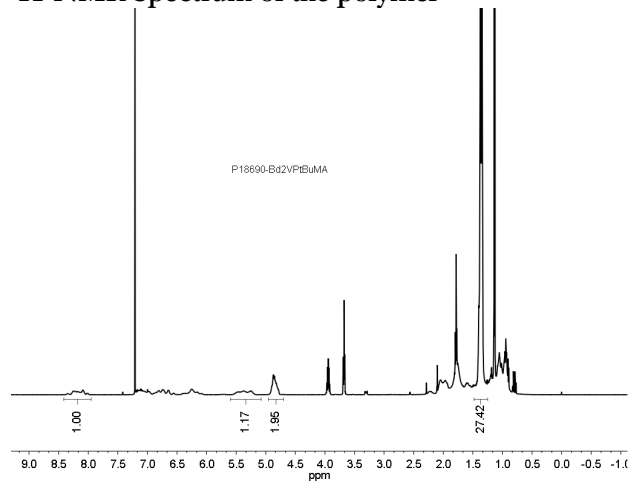
Synthesis Procedure:

By anionic Process

**Characterization:**

By SEC and HNMR spectroscopy.

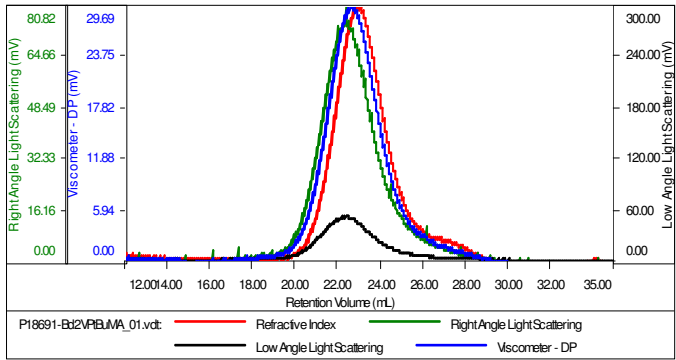
DPE-4Br: The product was characterized by NMR and FTIR.

**¹H-NMR Spectrum of the polymer**

SEC:

Sample ID: P18691-Bd2VptBuMA

Concentration (mg/mL)	0.7592
Sample dn/dc (mL/g)	0.1560
Method File	PS80K-Dec17-2014-0000.vom
Column Set	3x PL 1113-6300
Solvent	THF



Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polycdispersi	Intrinsic Viscosity (dL/g)
P18691-Bd2VptBuMA_01.vcl	249,702	236,094	253,392	1.166	2.6692