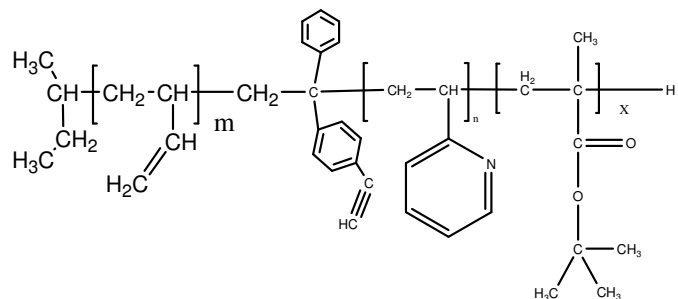


Sample Name:

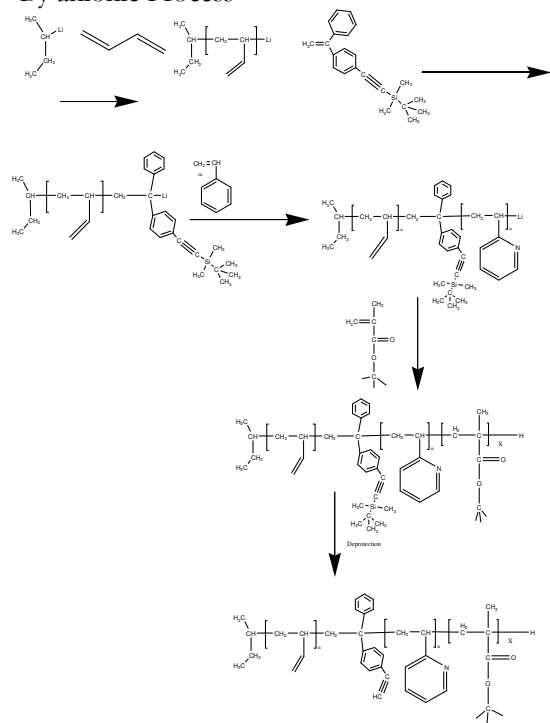
Poly(Butadiene-b-2-vinyl pyridine-tertbutyl methacrylate) bearing ethynyl (acetylenic triple bond) phenyl-phenyl ethylene at the junction of Bd-2VP block

Sample #: P18690-Bd(acetylene) 2VPtBuMA**Structure:****Composition:**

Mn x 10 ³	PDI
Bd-b-2VP-b-tBuMA	
12.0-b-22.0-b-94.0	1.17

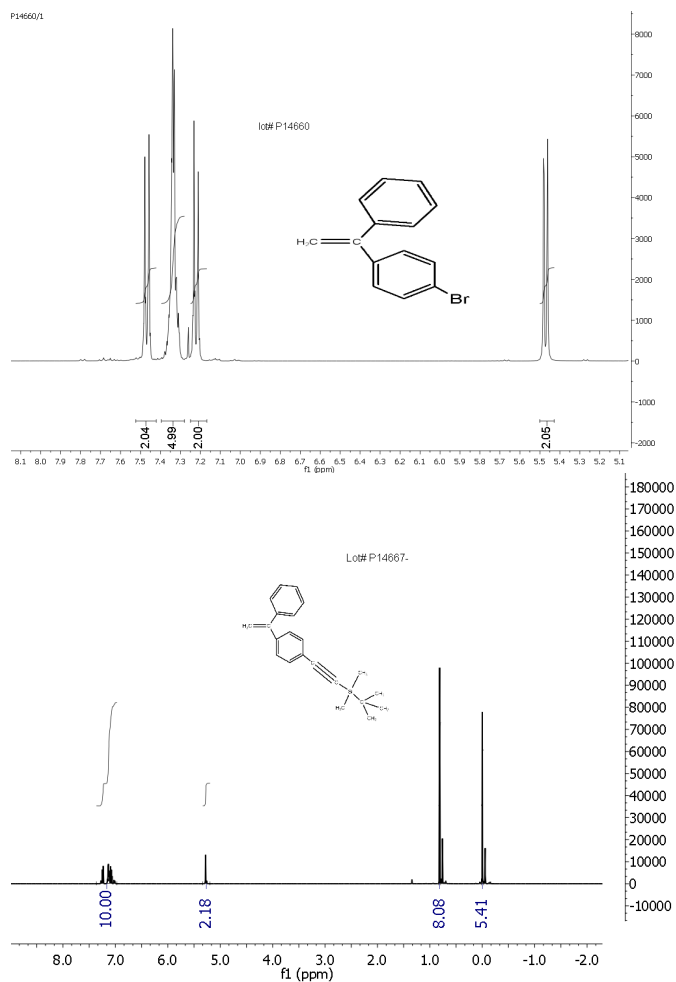
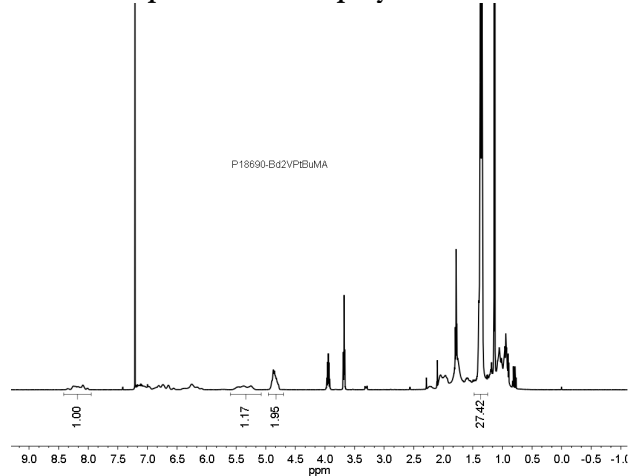
Synthesis Procedure:

By anionic Process

**Characterization:**

By SEC and HNMR spectroscopy.

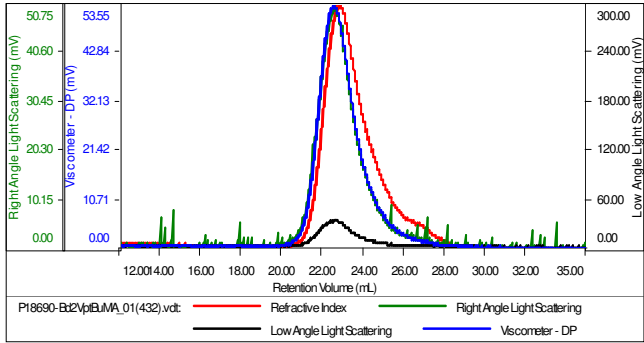
DPE-4Br: The product was characterized by NMR and FTIR.

**¹H-NMR Spectrum of the polymer**

SEC:

Sample ID: P18690-Bd2VptBuMA

Concentration (mg/mL)	1.3757
Sample dn/dc (mL/g)	0.1100
Method File	PS80K-Dec17-2014-0000.vom
Column Set	3x PL 1113-6300
Solvent	TH-F



Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersity	Intrinsic Viscosity (dL/g)
P18690-Bd2VptBuMA_01(432).vcl	127,243	149,069	160,606	1.172	1.9472