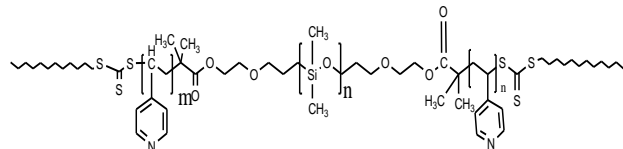


Sample Name:

Poly(4-vinyl pyridine-b-dimethylsiloxane -b-4-vinyl pyridine)

Sample #: **P16203B-4VPDMS4VP**

Structure:



Composition:

Mn x 10 ³ 4VP-b-PDMS-b-4VP	PDI
7.0-b-5.0-b-7.0	1.5

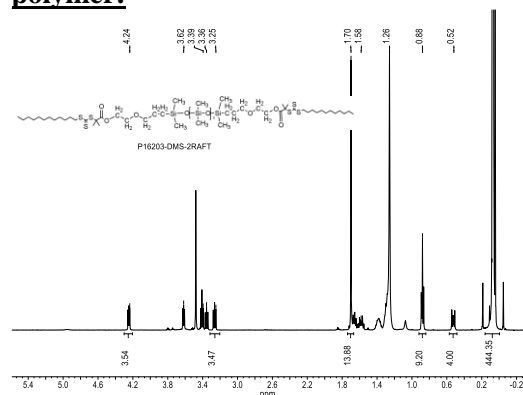
Synthesis Procedure:

Poly(4-vinyl pyridine-b-dimethylsiloxane -b-4-vinyl pyridine) is prepared by RAFT polymerization process.

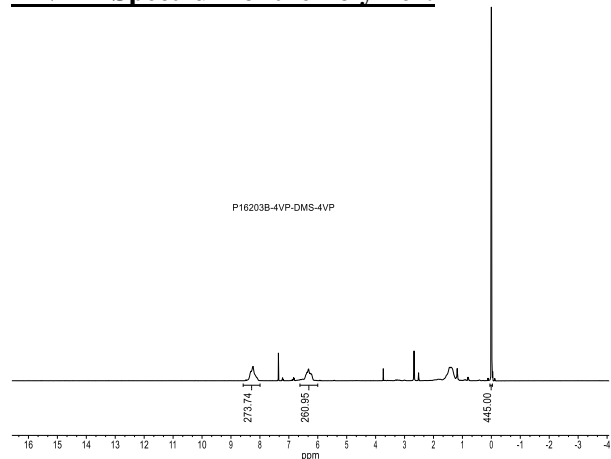
Characterization:

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

HNMR Spectrum of the PDMS-RAFT telechelic polymer:



HNMR Spectrum of the Polymer:



SEC elugram of the PDMS 2RAFT:

P16203-DMS2RAFT

Concentration (mg/mL)	0.4322
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-Feb2017-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF

