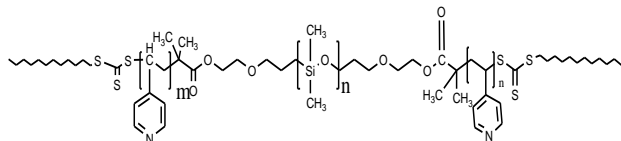


Sample Name:

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

Sample #: **P16204D-4VPDMS4VP**

Structure:



Composition:

Mn x 10 ³ 4VP-b-PDMS-b-4VP	PDI
0.8-b-12.5-b-0.8	1.4
Functionality of Macriinitiator-RAFT	78%

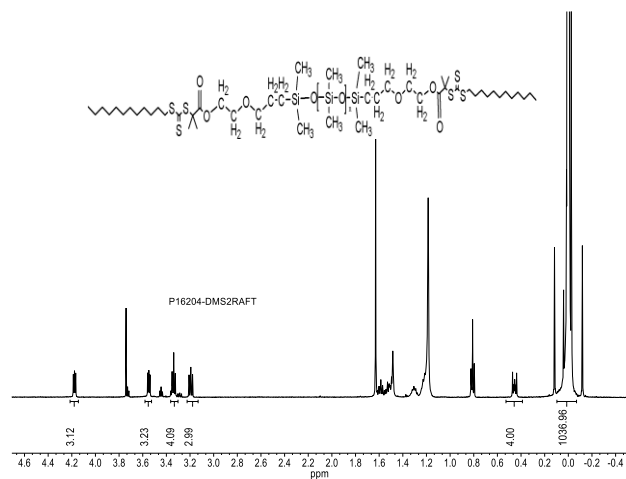
Synthesis Procedure:

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:

