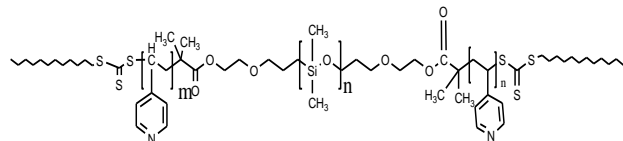


Sample Name:

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

Sample #: **P16204D-4VPDMS4VP**

**Structure:**



**Composition:**

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

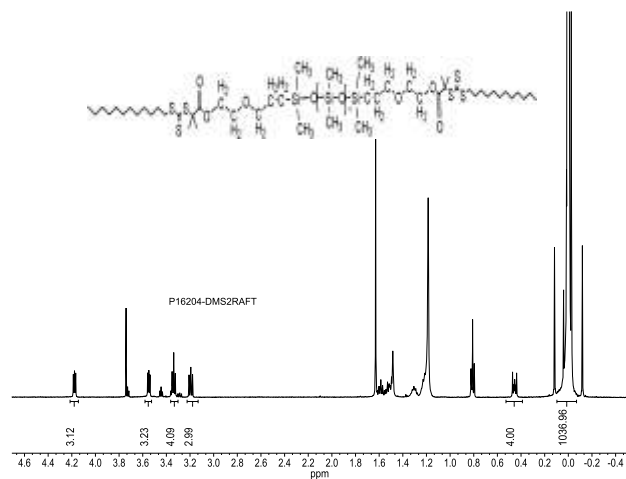
**Synthesis Procedure:**

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

**Characterization:**

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

**HNMR Spectrum of the PDMS-RAFT telechelic polymer:**



**HNMR Spectrum of the Polymer:**

