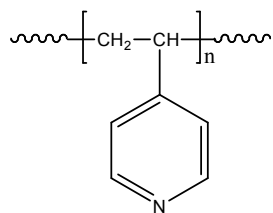


Sample Name: Poly(4-vinyl pyridine)

SEC of Homopolymer:

Sample #: P2394-4VP

Structure:

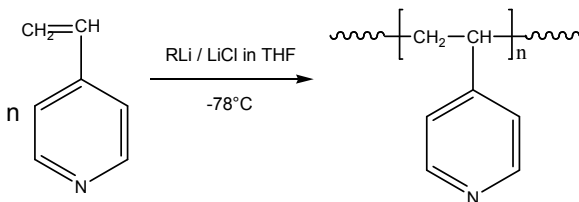


Composition:

$M_n \times 10^3$	PDI
1.7	1.19

Synthesis Procedure:

Poly(4-vinyl pyridine) is obtained by living anionic polymerization of 4-vinyl pyridine as illustrated below:



Characterization:

The molecular weight and polydispersity index (PDI) of poly(4-vinyl pyridine) are obtained by size exclusion chromatography.

Solubility:

Poly(4-vinylpyridine) is soluble in DMF, THF, toluene, methanol, ethanol and $CHCl_3$. It precipitates from water and hexanes, ether.

