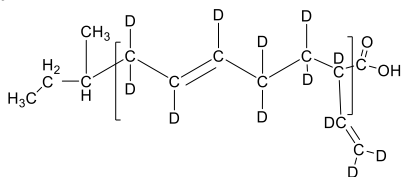


Sample Name: Deuterated Poly(1,4-butadiene-d6),
ω-carboxy-terminated

Sample #: P3828-dPBdCOOH1

Structure:



Composition:

$M_n \times 10^3$ (g/mol)	M_w/M_n
95.0	1.02

COOH functionality > 95%

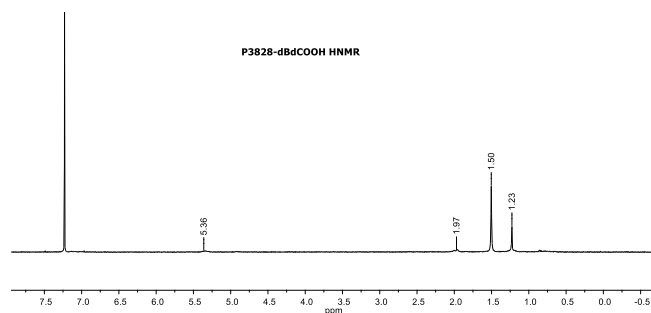
Synthesis procedure:

The polymer was obtained by anionic polymerization process.

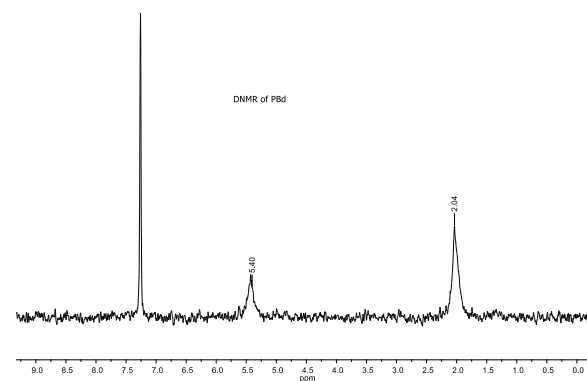
Characterization:

The molecular weight and polydispersity index (M_w/M_n) were obtained by size exclusion chromatography (SEC) in THF. Degree of functionality (-COOH end-group, %) was determined by titration.

HNMR spectrum of the polymer:



DNMR spectrum of the Polymer:



SEC chromatogram of the product:

