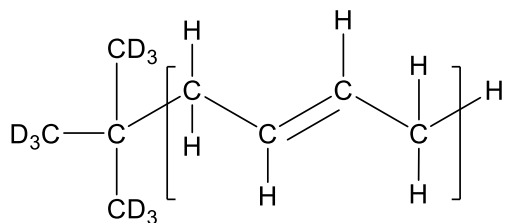


**Sample Name:** Poly(1,4-butadiene), hydrogen-containing polymer with deuterated tBu-d9 end-group

**Sample #:** P41831-Bd-dtBu

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
147.5	1.02

**Synthesis Procedure:**

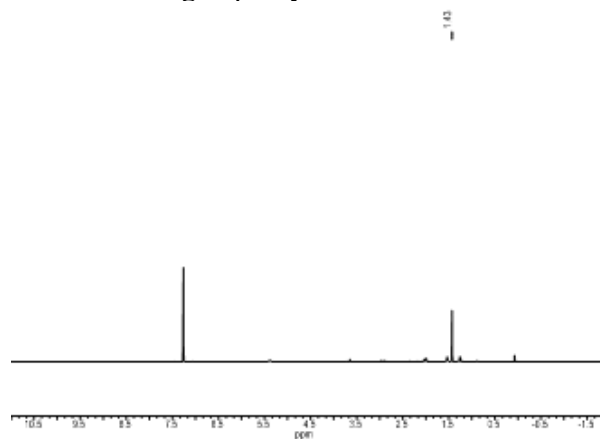
Polymer was synthesized by living anionic polymerization of butadiene monomer using d9 tert.butyl- lithium initiator.

**Characterization:**

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

**<sup>1</sup>HNMR spectrum of the polymer:**

Protonic analog impurity < 1%



**SEC elugram of the polymer:**

Agilent GPC/SEC Software

