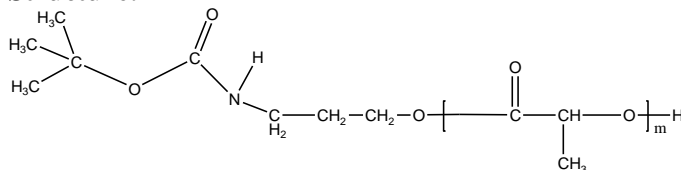


Sample Name:

**$\alpha$ -BOC -  $\omega$ -Hydroxy terminated Polylactide**

Sample #: **P40812-LA-NH-BOC (DL-Form)**

**Structure:**

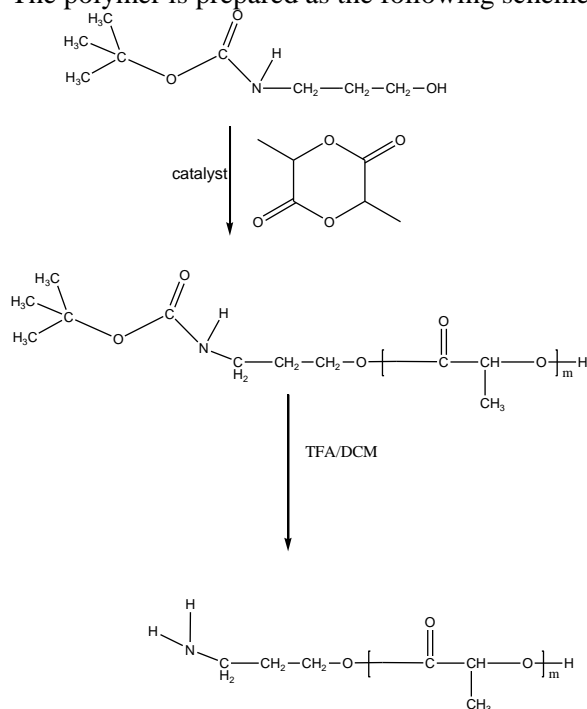


**Composition:**

Mn x 10 <sup>3</sup>	PDI
2.6	1.20

**Synthesis Procedure:**

The polymer is prepared as the following scheme:



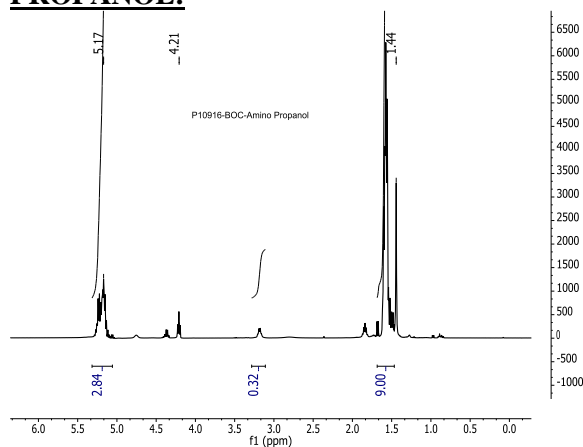
**Characterization:**

The molecular weight is calculated from NMR and polydispersity index (PDI) is obtained by size exclusion chromatography.

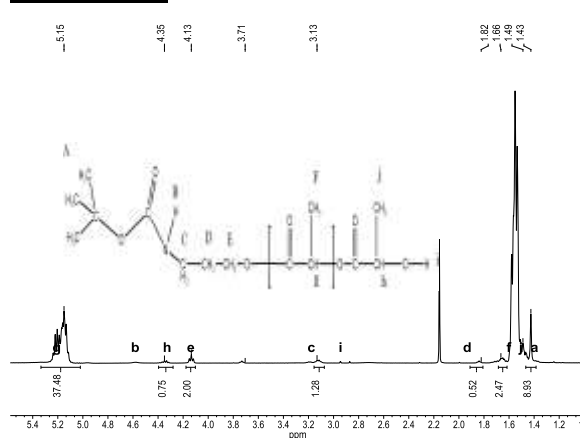
**Solubility:**

The polymer is soluble in toluene, THF, CHCl<sub>3</sub> and CH<sub>2</sub>Cl<sub>2</sub>. The polymer is insoluble in methanol, hexane and ether.

**<sup>1</sup>H NMR spectrum of BOC protected AMINO PROPANOL:**



**<sup>1</sup>H NMR spectrum of BOC protected Poly LA (DL FORM)**



**SEC elugram of the polymer:**

**P40812-LANH2 (DL form)**

