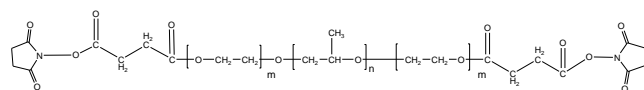


**Sample Name:**  $\alpha,\omega$ -Disuccinimidyl Succinate  
**Terminated Poly(ethylene oxide-b- propylene oxide -b- ethylene oxide)**  
**Or  $\alpha,\omega$ - N-Hydroxy Disuccinimidyl Succinate**  
**Terminated Poly(ethylene oxide-b- propylene oxide -b- ethylene oxide)**

**Sample #:** **P40768-EOPOEO-2NHS**  
**Or P40768-EOPOEOSS2**

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
4.6-b-3.3-b-4.6	1.09
Dp of each block	105-b-57-105

**Synthesis Procedure:**

Commercial polymer F-127 Pluronic  
Mn: 12,600

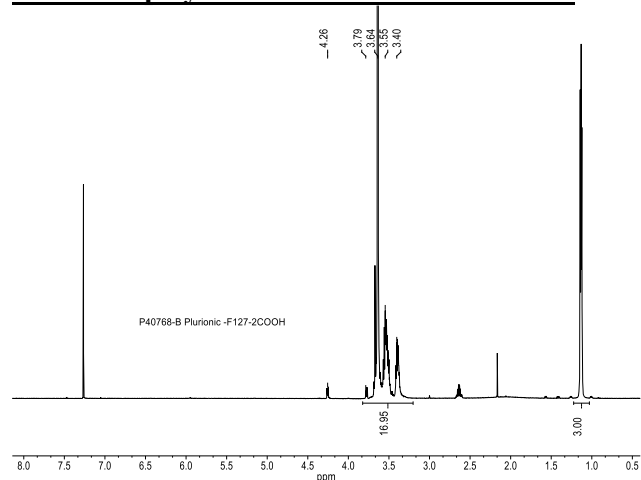
**Characterization:**

The molecular weight and polydispersity index (PDI) of the polymer are obtained by size exclusion chromatography (SEC), <sup>1</sup>HNMR, and FTIR analysis.

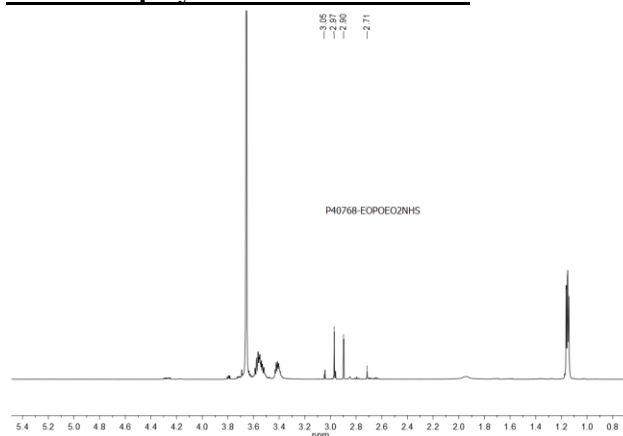
**Solubility:**

Polymer is soluble in THF, CHCl<sub>3</sub>, and toluene.

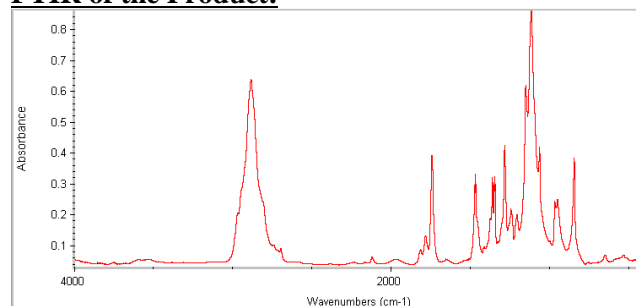
**HNMR of polymer EOPOEO F-127-2COOH**



**HNMR of polymer EOPOEO-2NHS:**



**FTIR of the Product:**



**SEC elugram of Sample:**

**P40768-Pluronic-F127**

