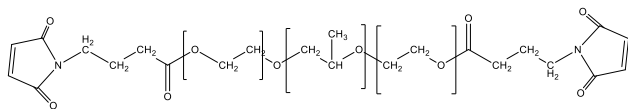


**Sample Name:** Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide),  $\alpha,\omega$ -bis(maleimide)-terminated

Or  $\alpha,\omega$ - Di Maleimido terminated –F127 Pluronic

**Sample #:** P43689-EOPOEO2Maleimide

**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-b-105

**Synthesis Procedure:**

Commercial polymer F-127 Pluronic

Mn: 12,600

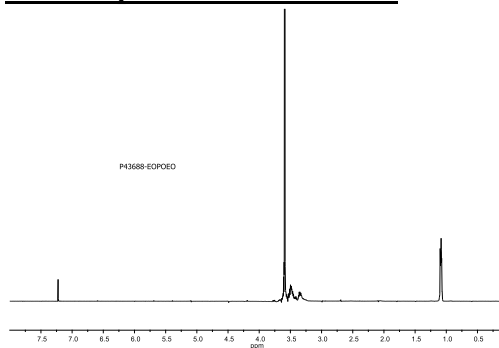
**Characterization:**

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

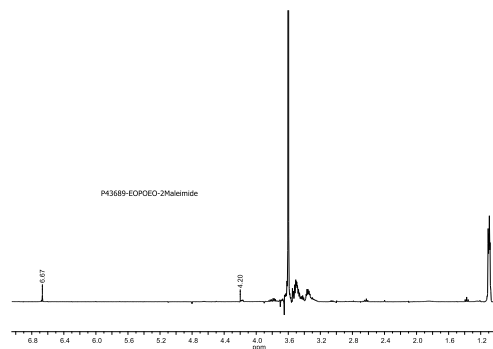
**Solubility:**

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

**HNMR spectrum of EOPOEO:**

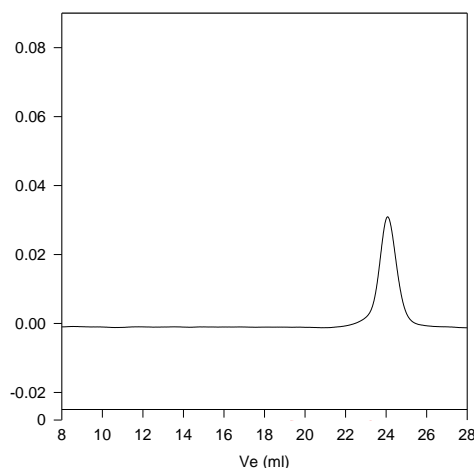


**HNMR spectrum of EOPOEO-2Maleimide:**



**SEC elugram of Sample Lot# P40768 used:**

P40768-Pluronic-F127



M<sub>n</sub>=12,600, PI=1.09

**FTIR spectrum of the Sample:**

