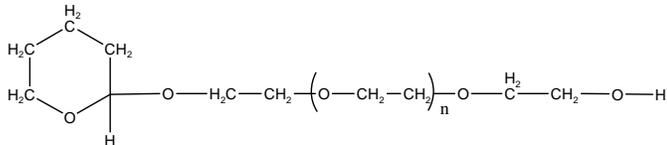


Sample Name:

**α -Tetrahydropyranyl- ω -Hydroxy Terminated
Poly(ethylene glycol)**

Sample #: P10569A3-EGTHPOH

Structure:

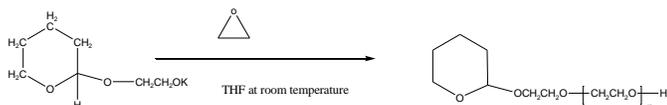


Composition:

$M_n \times 10^3$	PDI
0.4	1.09

Synthesis Procedure:

The scheme of the reaction is illustrated below:



Characterization:

An aliquot of the poly(ethylene oxide) before addition of mestyl chloride was analyzed by size exclusion chromatography (SEC) to obtain the molecular weight and polydispersity index (PDI). The polymer obtained at each step and the final block copolymer composition was calculated from $^1\text{H-NMR}$ spectroscopy.

$^1\text{H NMR}$ of the Product:

