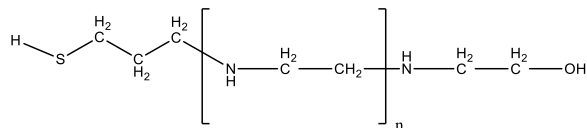


**Sample Name:** Thiol End functionalized  
**Poly( ethylene imine)**

**Sample #:** P42548-EI-SH

**Structure:**

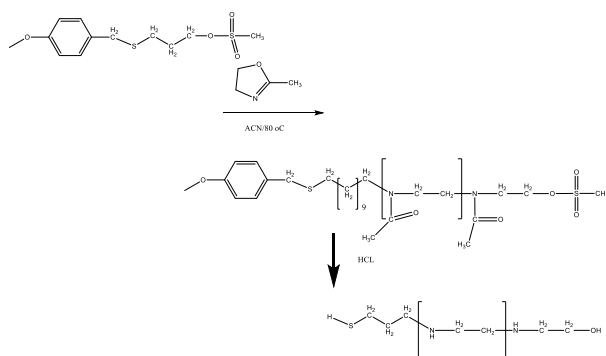


**Composition:**

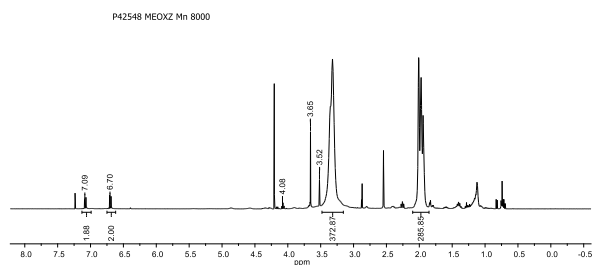
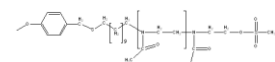
Mn x 10 <sup>3</sup>	PDI
4.5	1.2

**Synthesis Procedure:**

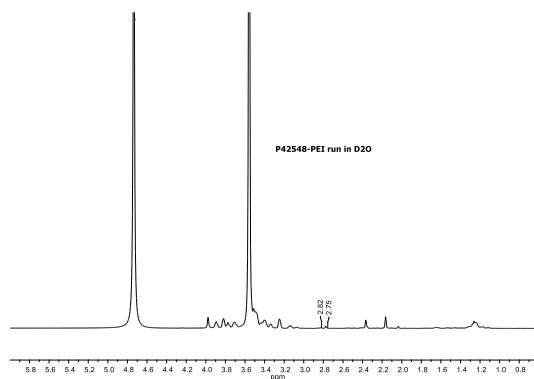
Poly(2-methyl oxazoline) is prepared by cationic process. This was followed by a base hydrolysis to obtain poly(ethylene imine).



**<sup>1</sup>H-NMR Spectrum of P42548 MEOXZ (Mn 8000):**



**<sup>1</sup>H-NMR Spectrum of the polymer:**



**SEC profile run in H<sub>2</sub>O:**

