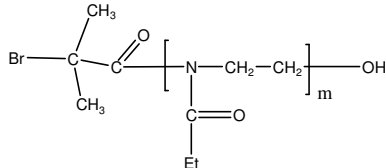


Sample Name:
Bromo end Functionalized Poly(2-ethyl-2Oxazoline)

Sample #: **P40150-ETOXZ-CMe₂Br**

Structure:

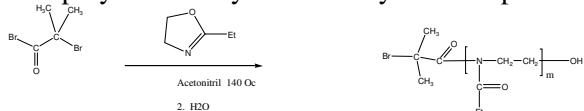


Composition:

Mn x 10 ³	PDI
19.5	1.28

Synthesis Procedure:

The polymer was synthesized by cationic process:



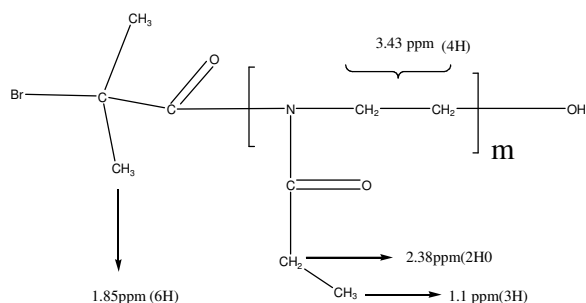
Characterization:

The polymer was characterized by ¹H NMR and SEC.

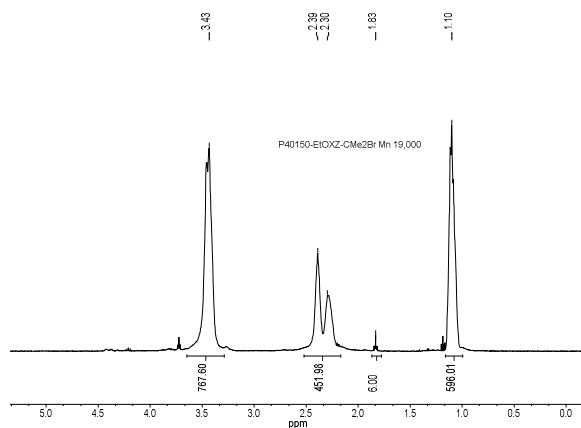
Solubility:

Polymer is soluble in water and alcohol.

Chemical Shifts in CdCl₃



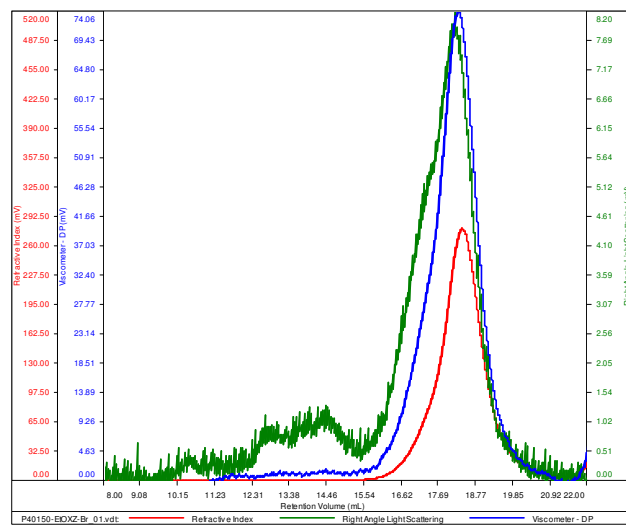
¹H NMR spectrum of the polymer:



SEC elugram of the polymer:

P40150-EtOXZ-CMe₂Br

Conc (mg/mL)	29.9516
dn/dc (mL/g)	0.0360
Method	PS80k August-08-2016-0000.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	Mn	Mw	Mp	Mw/Mn	IV
P40150-EtOXZ-Br_01.vdt	19,524	25,164	19,610	1.289	0.0866