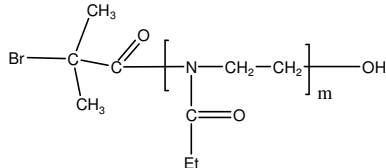


Sample Name:
Bromo end Functionalized Poly(2-ethyl-2-Oxazoline)

Sample #: P40153-ETOXZ-CMe₂Br

Structure:

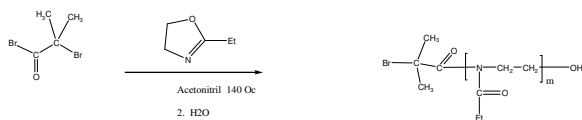


Composition:

Mn x 10 ³	PDI
24.0	1.3

Synthesis Procedure:

The polymer was synthesized by cationic process:



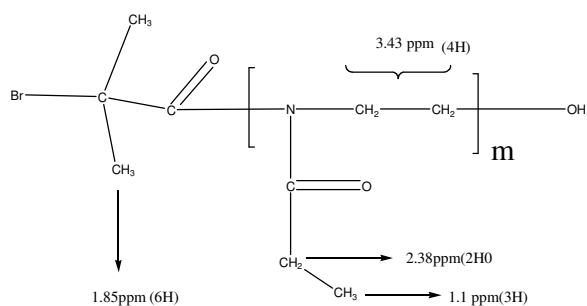
Characterization:

The polymer was characterized by ¹H NMR and SEC

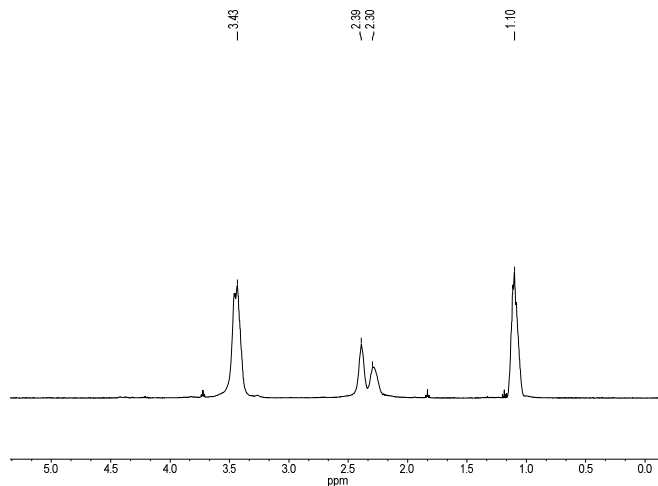
Solubility:

Polymer is soluble in water and alcohol.

Chemical Shifts in CdCl₃



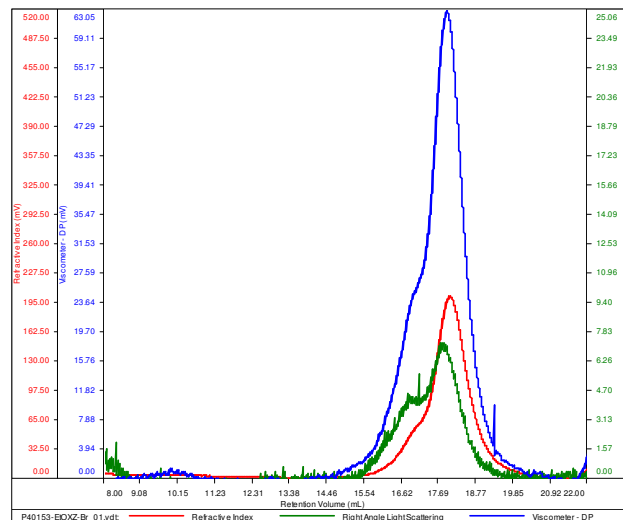
¹H NMR spectrum of the polymer:



SEC elugram of the polymer:

P40153-EtOXZ-CMe₂Br

Conc (mg/mL)	20.8417
dn/dc (mL/g)	0.0350
Method	PSS0k-August-08-2016-0000.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	Mn	Mw	Mp	Mw/Mn	IV
P40153-ETOXZ-Br_01.vdt	24,375	32,839	23,860	1.347	0.1021