

Product Profile

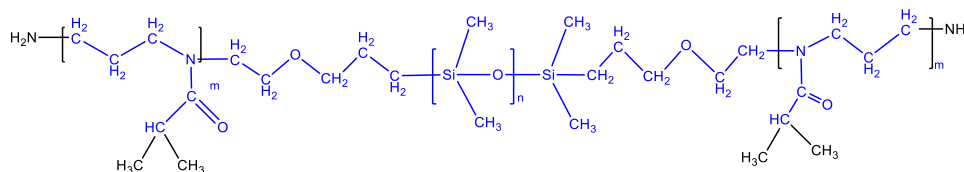
Identification

Product Name:

Poly(2-methyl-2-Oxazine)-b-poly(Dimethylsiloxane)-b-poly(2-Methyl-2-Oxazine), α,ω -bis(amino)-terminated

Product Lot Number: P45055C-MOZDMSMOZ-2NH2

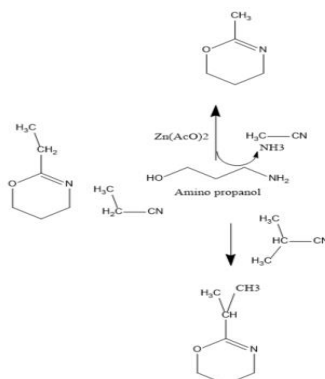
Product Chemical Architecture:



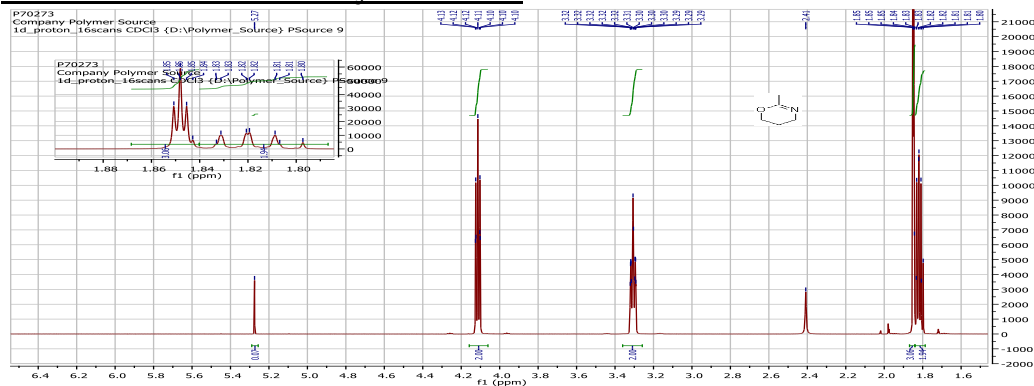
Composition:

Mn x 10 ³	Mw/Mn (PDI)	Dp of each block3 A-B or ABA from ¹ HNMR
0.3-b-5.0-b-0.3	1.3	3-b-65-b-3

Method of Synthesis



¹HNMR of Monomer 2-Methyl-2 Oxazine:



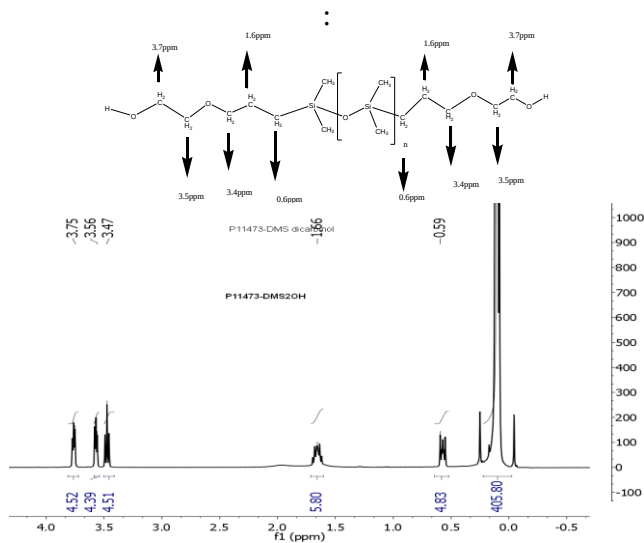
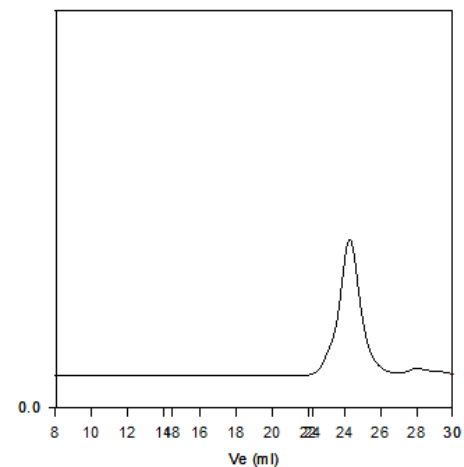
Solubility in different solvents

THF			
CHCl3		CHCl3	
Toluene-Hot			

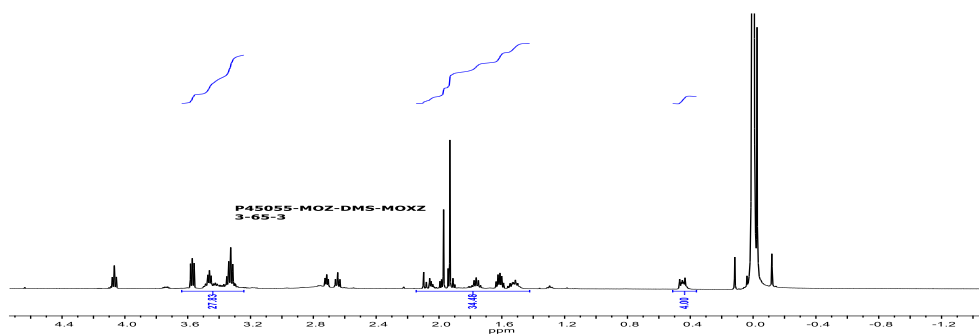
Validation of Architecture:

A. Gel Permeation Chromatography (GPC), SEC- Profile

P45055A-MOZ-
DMS-MOZ



B. NMR (HNMR) of polymer: MOZ-DMS-MOZ-2OH



C. NMR (HNMR) of polymer: MOZ-DMS-MOZ-2NH2

