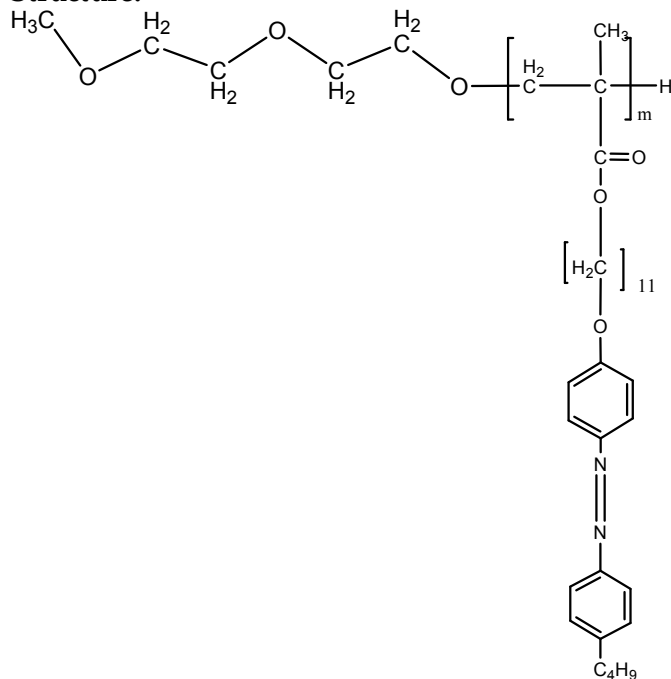


(AZoMA=11-[4-(4-butylphenylazo)phenoxy]-undecyl methacrylate)

Structure:



Mn $\times 10^3$	PDI
12.5	1.3
Microstructure	Syndio:heter:iso 65:33:2

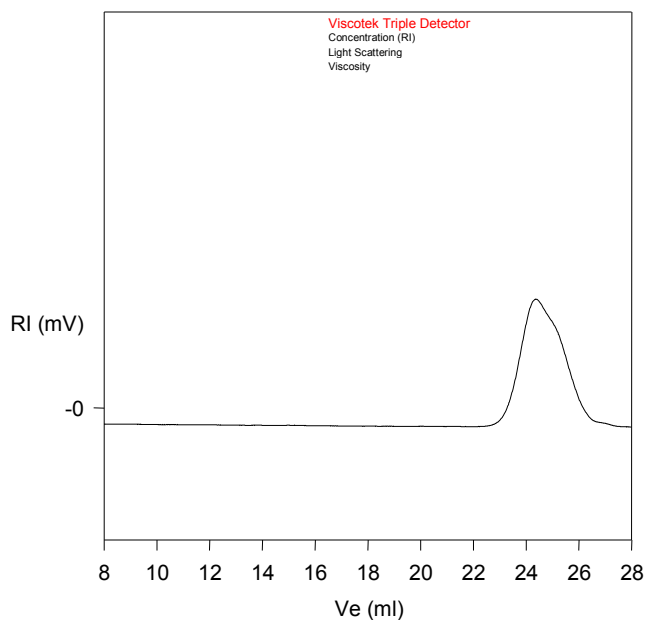
Poly(AzoMA) is prepared by anionic polymerization using alcolate initiator.

Polymer was analyzed by size exclusion chromatography (SEC) to obtain the molecular weight.

Poly(AzoMA) is soluble in THF, acetone, and chloroform and it precipitates out in hexane or cold methanol.

1H NMR spectrum of P9535A-AzoMA. The spectrum shows peaks from 0 to 8 ppm. Key peaks are labeled: aromatic protons (7.0-7.5 ppm), methoxy protons (3.8 ppm), methylene protons (1.8-2.2 ppm), and methyl protons (0.8-1.2 ppm). Integration values are shown below the baseline. A chemical structure of the polymer is shown at the top right.

P9535A-AZOMA



— PAZOMA : $M_n = 12,500$ $M_w/M_n = 1.3$