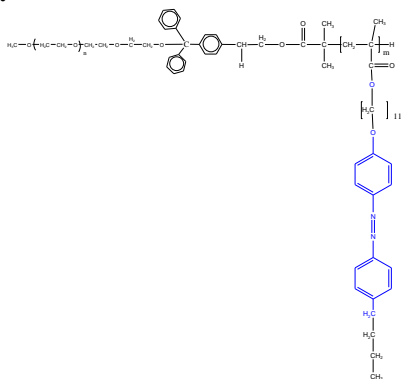


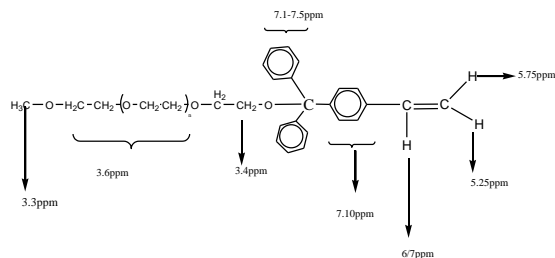
(AZoMA=11-[4-(4-butylphenylazo)phenoxy]-undecyl methacrylate)

### Structure:



Mn x 10 <sup>3</sup> PEO-b-PAzoMA	PDI
5.0-b-30.0	1.45

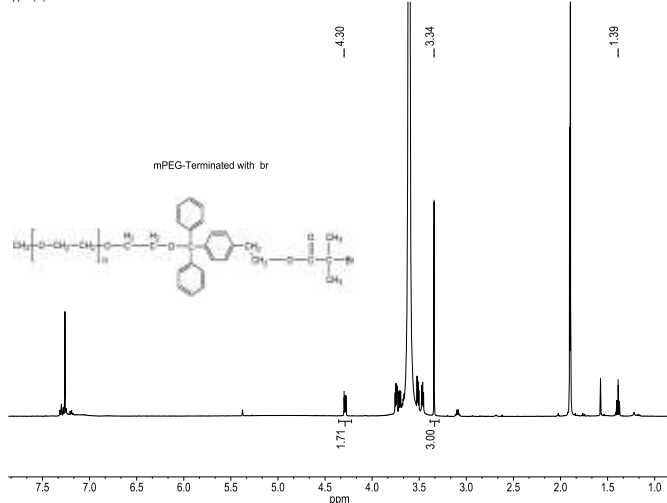
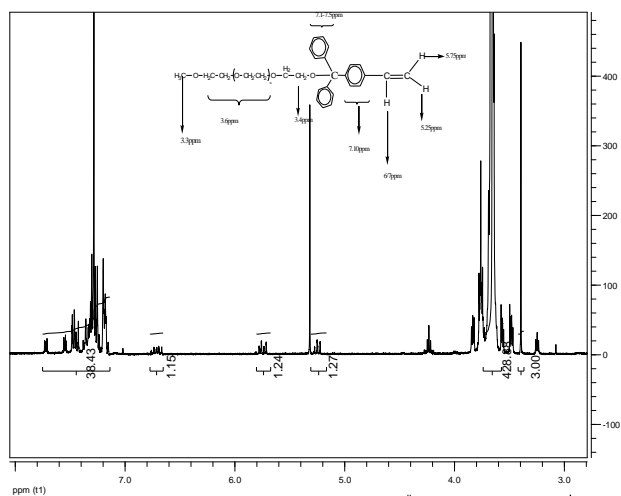
The product is prepared by Proprietary procedure.



OR400-11-44-(4-butylphenyl)isoxaphenoxy-undecyl methacrylate

Chemical structure labels (ppm): 7.906, 7.898, 7.890, 7.793, 7.307, 7.290, 7.000, 6.996, 6.099, 6.090, 5.548, 5.545, 5.542, 5.538, 5.535, 4.153, 4.139, 4.136, 4.130, 4.037, 4.023, 2.006, 2.000, 2.664, 1.947, 1.947, 1.944, 1.944, 1.942, 1.817, 1.801, 1.801, 1.698, 1.698, 1.643, 1.476, 1.374, 1.306, 0.998.

Integration values: 2.05, 2.11, 2.07, 0.89, 1.00, 2.08, 2.10, 2.05, 1.66, 2.19, 1.70, 3.15.



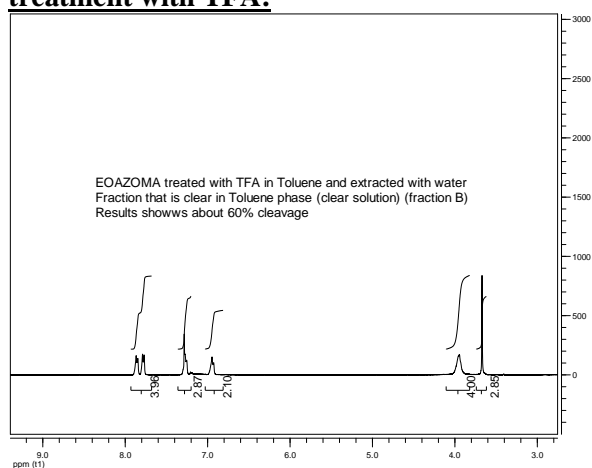
The product is characterized by GPC and HNMR.

P40804D-EOAZOMA cleavable

1.35  
4.00

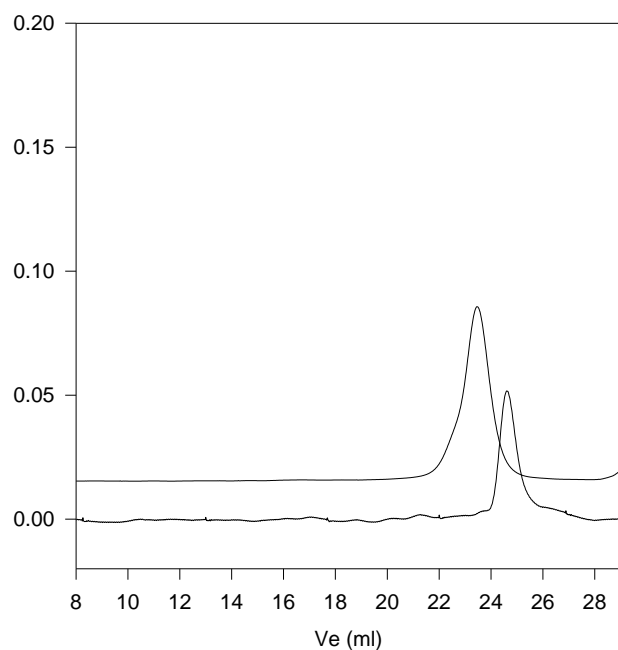
ppm

**$^1\text{H}$  NMR of the product that is in the emulsion after treatment with TFA:**



**SEC elugram of the polymer:**

**P40804-EOAZOMA Cleavable**



Size exclusion chromatography of poly(EO-b-4CNBPHMA)

- PEG block  $M_n=5000$ ,  $M_w=5300$ ,  $M_w/M_n=1.05$
- Poly(ethylene glycol-b-AZOMA)  
 $M_n$ : PEO(5000)-b-AZOMA(30,000)  $M_w/M_n=1.45$   
 Composition from  $^1\text{H}$  NMR