acrylate) ($\bar{M}_n$ = 4900) prepared with **3** contained signals at δ 5.45 and 6.20, due to the double bond, and a signal centered at δ 4.15, consistent with the incorporation of the ethyl ester moiety.

Since styryl, α,β-unsaturated ester, and α,β-unsaturated nitrile end groups are potentially polymerizable, the low molecular weight polymers prepared by using **3**, **5**, and **6** are likely to possess the properties of a macromonomer. We are currently investigating both the reactivity of these polymers and the likelihood that appropriately substituted allylic sulfides will be useful for the preparation of low molecular weight mono- and di-end-functional polymers.

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Registry No. **3**, 92822-43-0; **5**, 116233-34-2; **6**, 116233-35-3; STY, 100-42-5; MMA, 80-62-6.

References and Notes

(1) (a) Barton, D. H. R.; Crich, D. *Tetrahedron Lett.* **1984**, *25*, 2787. (b) Barton, D. H. R.; Crich, D. *J. Chem. Soc., Perkin Trans. 1* **1986**, 1613. (c) Lewis, S. N.; Miller, J. J.; Winstein, S. *J. Org. Chem.* **1972**, *37*, 1478. (d) Keck, G. E.; Byers, J. H. *J. Org. Chem.* **1985**, *50*, 5442. (e) Barton, D. H. R.; Crich, D. *Tetrahedron Lett.* **1985**, *26*, 757. (f) Keck, G. E.; Yates, J. B. *J. Am. Chem. Soc.* **1982**, *104*, 5829. (g) Keck, G. E.; Yates, J. B. *J. Org. Chem.* **1982**, *47*, 3590. (h) Ueno, Y.; Miyano, T.; Okawara, M. *Tetrahedron Lett.* **1982**, *23*, 443.

(2) Gregg, R. A.; Mayo, F. R. *Discuss. Faraday Soc.* **1947**, *2*, 328.

(3) *Polymer Handbook*, 2nd ed.; Bandrup, J., Immergut, E. H., Eds.; Wiley: New York, 1975; p II-92.

(4) See, for example: Corner, T. *Adv. Polym. Sci.* **1984**, *62*, 95.

(5) Tarbell, D. S.; Lavett, W. E. *J. Am. Chem. Soc.* **1956**, *78*, 2259.

(6) These compounds were prepared by reaction of the appropriate bromo compound with 2-methyl-2-propanethiolate ion. They were characterized by ^{1}H NMR and mass spectra and their purity was checked by TLC on silica gel.

(7) The ^{1}H NMR free induction decay was transformed, rephased, and carefully integrated five times. The standard deviation of the ratios determined in this way was 3%.

(8) Although the analyzed sulfur content was 0.6%, which is less than that expected (1%), if every polymer chain is initiated with a butylthio group, the precision of the determination is such that accurate quantitation at this low level is not possible. The sulfur content of polystyrene ($\bar{M}_n$ = 3600) prepared with **5** and of poly(methyl methacrylate) ($\bar{M}_n$ = 4900) prepared with **3** was found to be 0.8% and 0.6%, respectively.

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CORRECTIONS

Toshio Masuda,* Eiji Isobe, and Toshinobu Higashimura*: Polymerization of 1-(Trimethylsilyl)-1-propyne by Halides of Niobium(V) and Tantalum(V) and Polymer Properties. Vol. 18, Number 5, May 1985, p 841.

The UV–visible spectrum and the values of $\lambda_{\max}$ and $\epsilon_{\max}$ were incorrect. The $\lambda_{\max}$ and $\epsilon_{\max}$ should read 234 nm and 3400, respectively; there is no absorption above 290 nm. Similar absorptions are observed in the following analogues: $(\mathrm{MeC{\equiv}CSiMe_2}\text{-}n\text{-}\mathrm{C_6H_{13}})_n$ $\lambda_{\max}$ 235 nm, $\epsilon_{\max}$ 3480; $(\mathrm{MeC{\equiv}CSiMe_2CH_2SiMe_3})_n$ $\lambda_{\max}$ 236 nm, $\epsilon_{\max}$ 3480.