$\underline{Sample\ Name}{:}\ Poly(DL\text{-lactide--co--glycolide}),\ \alpha, \omega\text{-}\\ bis(acryloxy)\text{-terminated}$

Sample #: P43466-DLLAGly-2Acrylate

Structure:

Composition:

| $M_n \times 10^3$ | PDI |
|-------------------|-----|
| 10.0 | 1.3 |

Synthetic Procedure:

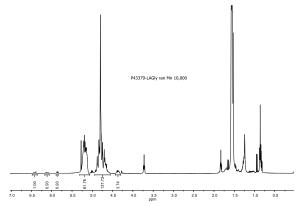
The product was synthesized by using 2-Hydroxy ethyl acrylate initiator and Sn Octoate catalyst followed by treating polymer with acrylic anhydride in the presence of (Et)3N in THF.

Characterization:

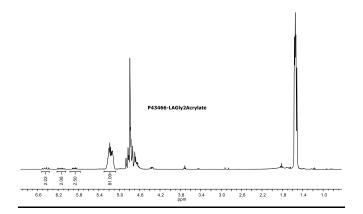
The product was characterized by size exclusion chromatography (SEC) and ¹H NMR data analysis.

Chemical shifts assignments

H NMR spectrum of Random copolymer bearing acryloyl moieties:



H NMR spectrum of P43466-dLLAGIY-2Acrylate:



SEC profile of the polymer:

