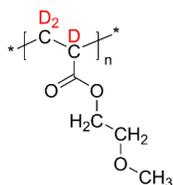


Sample Name:
Deuterated Poly(2-methoxyethyl acrylate-d3)- Back bone deuterated

Sample #: P43787-d3MeOEA

Structure:



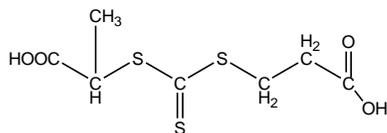
Composition:

| | |
|----------------------|-------|
| Mn x10 ⁻³ | Mw/Mn |
| 5.5 | 1.13 |

Synthesis Procedure:

The polymer was prepared by RAFT polymerization process.

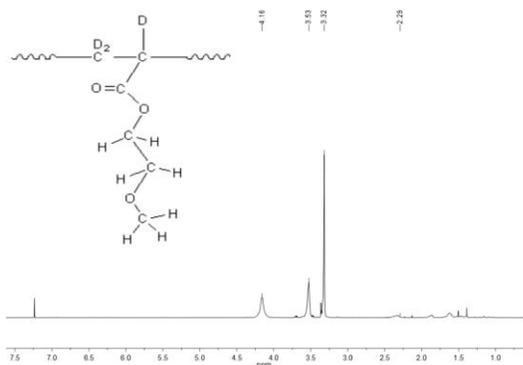
polymerization process using following RAFT Reagent:



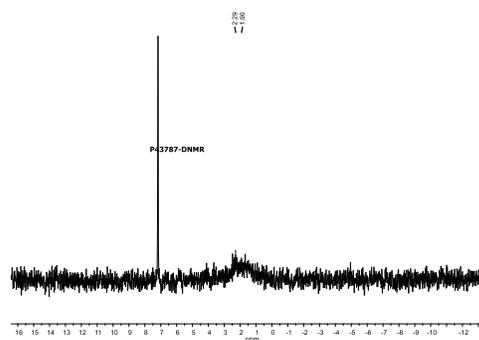
Characterization:

The product was characterized by size exclusion chromatography (SEC) (in THF) and ¹H NMR and ²H NMR.

HNMR spectrum of Polymer:



D NMR spectrum of the final polymer



SEC elugram of Polymer Carried out in THF:

