

**Trifluoromethyl-Functionalized Poly(lactic acid): A Fluoropolyester Designed for
Blood Contact Applications**

*Razieh Khalifehzadeh¹, Buddy D. Ratner^{*1,2}*

¹Department of Chemical Engineering, University of Washington, Seattle, USA

²Department of Bioengineering, University of Washington, Seattle, USA

*Corresponding author:

E-mail address: ratner@uw.edu

Supporting information:

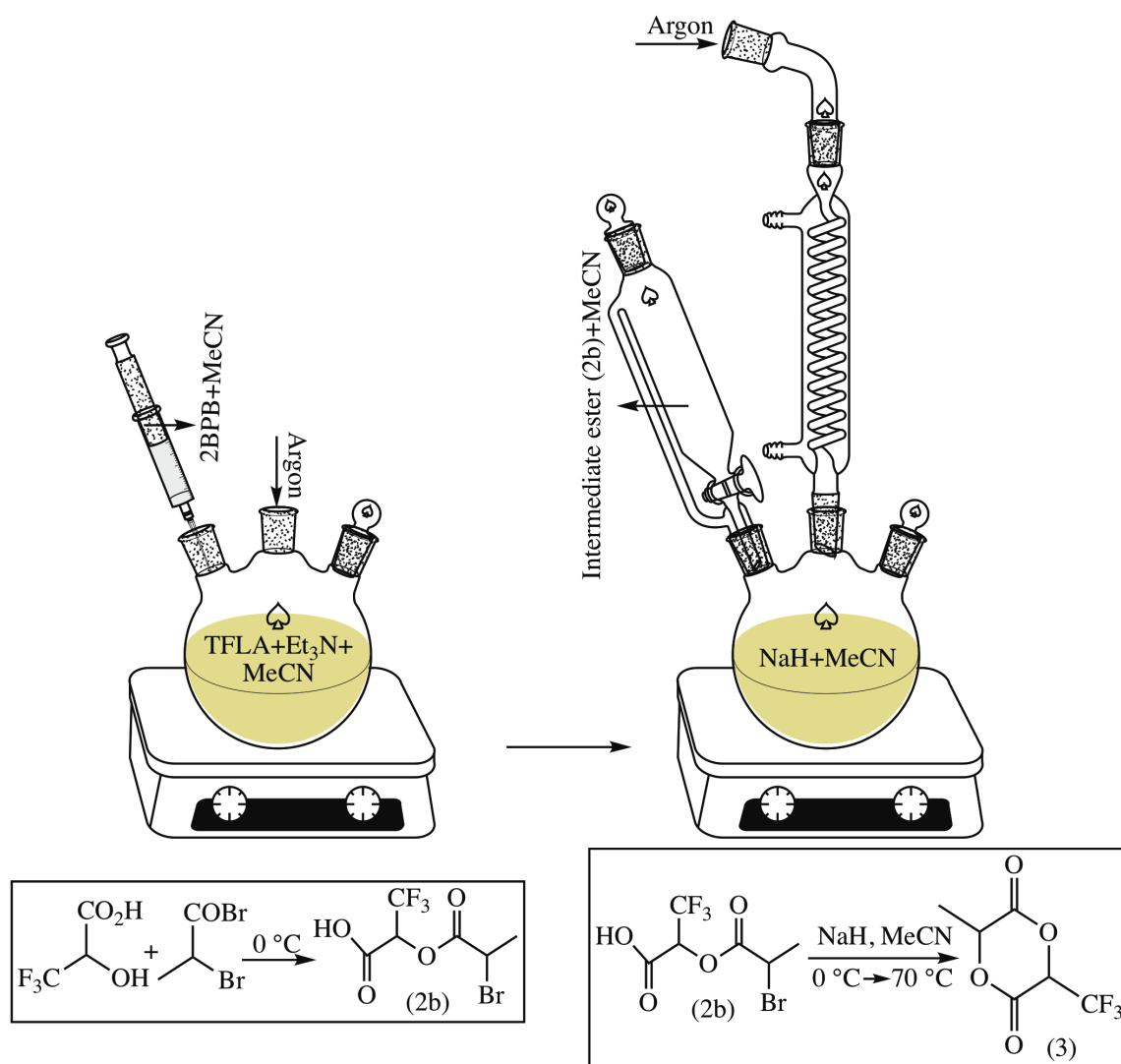
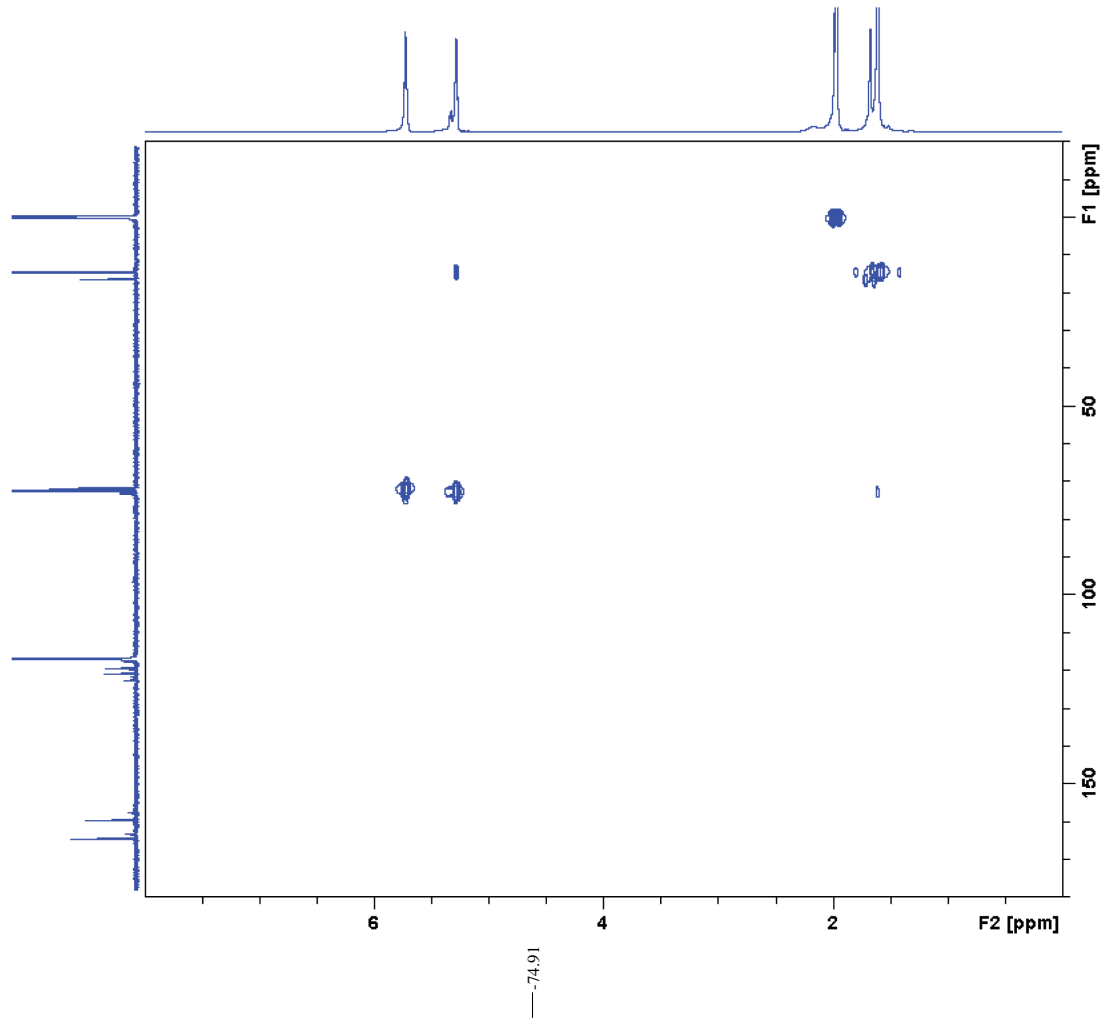
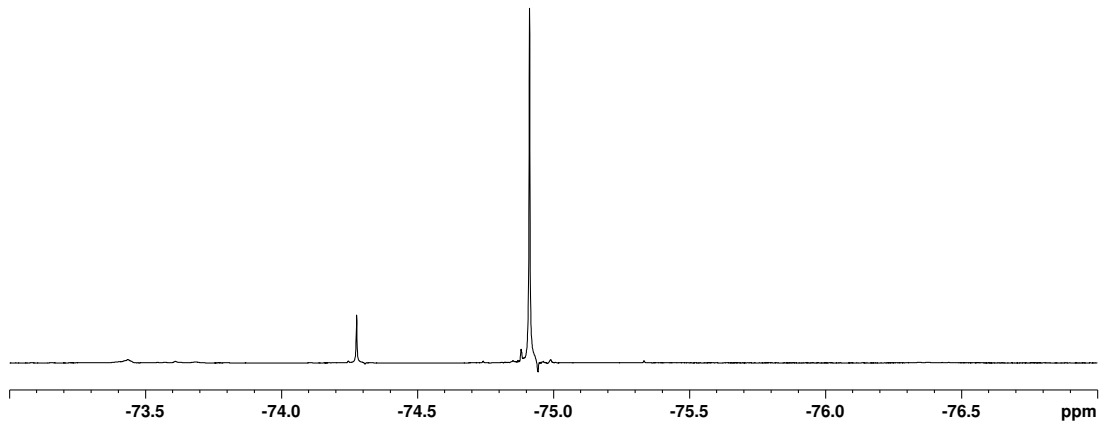


Figure S1. Illustration of the reaction setup and synthesis conditions used for preparing trifluoromethyl-functionalized lactide monomer

(a)



(b)



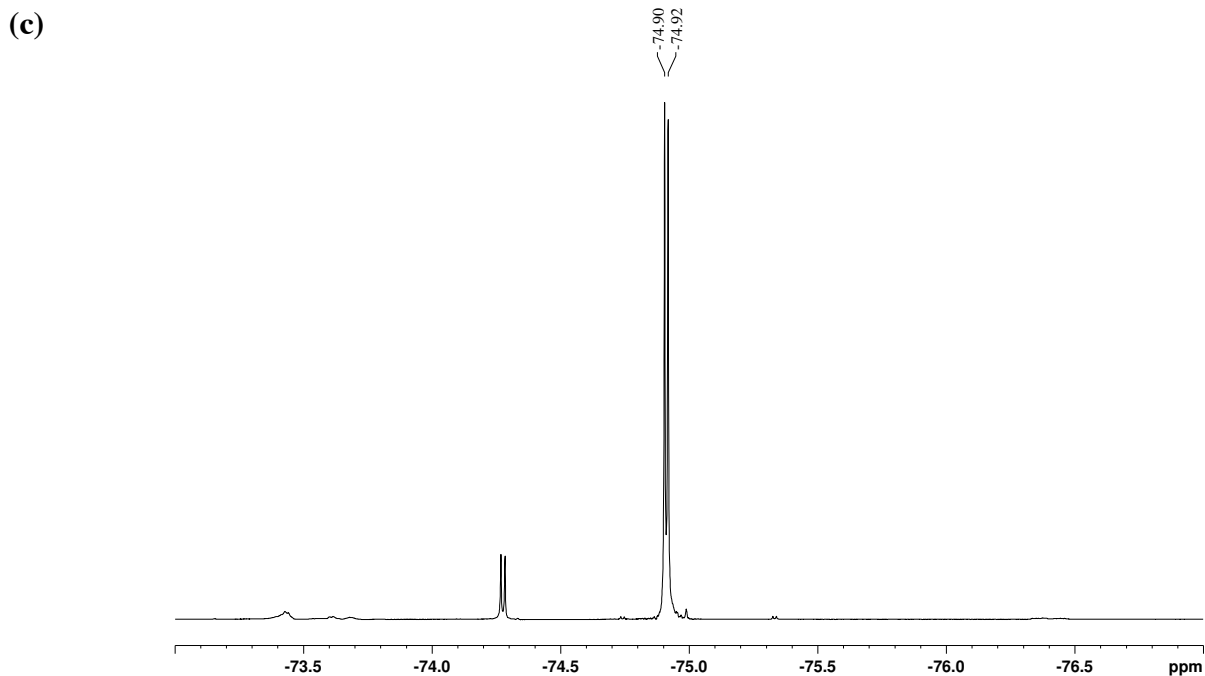


Figure S2. (a) 2D-NMR and ^{19}F -NMR spectrum (700 MHz, CD_3CN) of trifluoromethyl-functionalized lactide monomer. (b) ^{19}F -NMR spectrum with ^1H decoupling and (c) ^{19}F -NMR spectrum without ^1H decoupling.

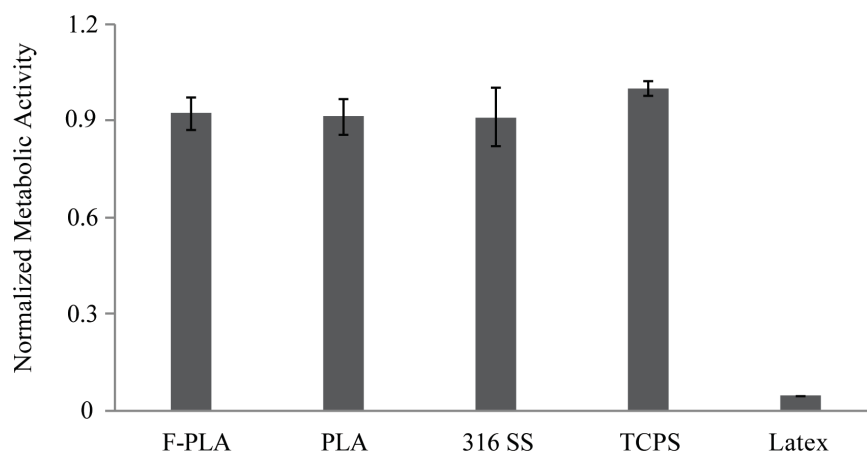


Figure S3. The relative metabolic activity of the NIH-3T3 cells incubated with sample extracts for 24h. The results are normalized with respect to the TCPS value. Latex and TCPS were used as positive and negative controls, respectively.