

**Evaluation of synthesized lipid tethered ligands for surface functionalization of
polypropylene capillary-channeled polymer fiber stationary phases**

Supporting Information

Liuwei Jiang, Abby J. Schadock-Hewitt, Lynn X. Zhang and R. Kenneth Marcus *

Clemson University
Department of Chemistry
Biosystems Research Complex
Clemson, SC 29634

*Author to whom correspondence should be addressed

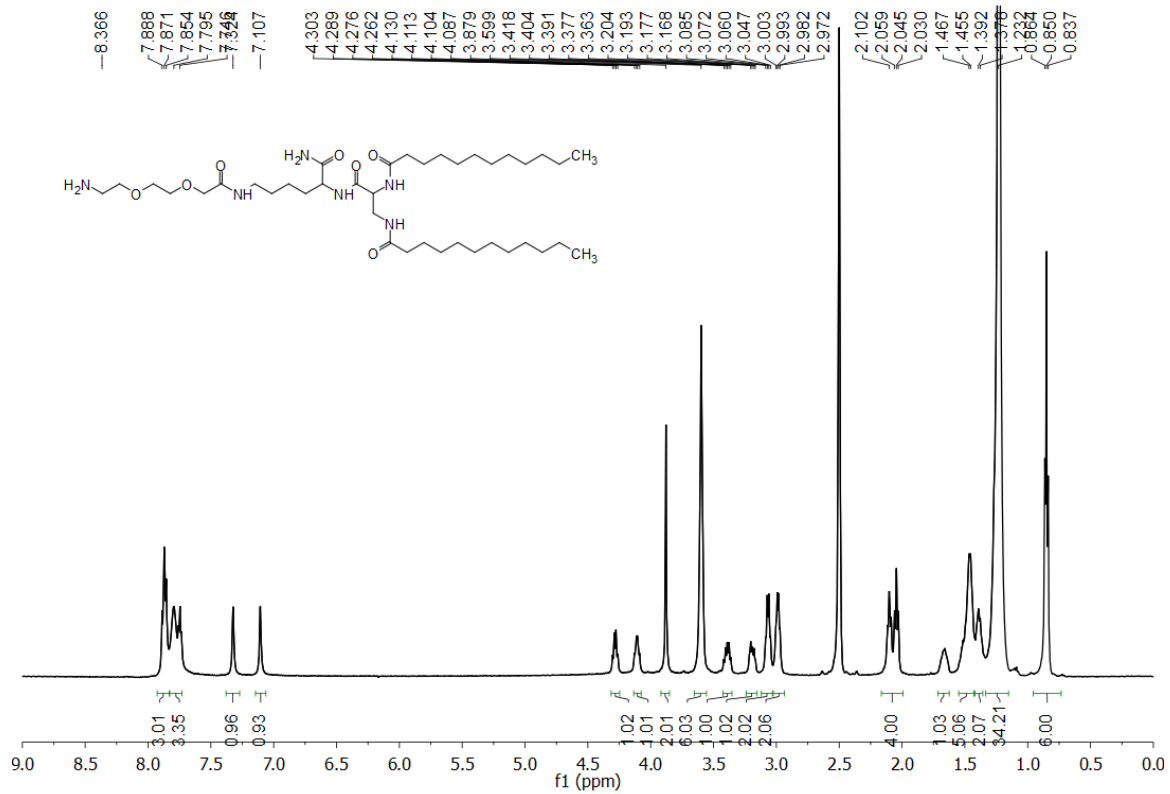


Fig. S1 ^1H NMR of Amine-LTL

jerry_0414_02 #143-210 RT: 2.66-3.87 AV: 68 SB: 44 0.09-0.90 NI: 3.07E6
T: + c ESI Full ms [500.00-1500.00]

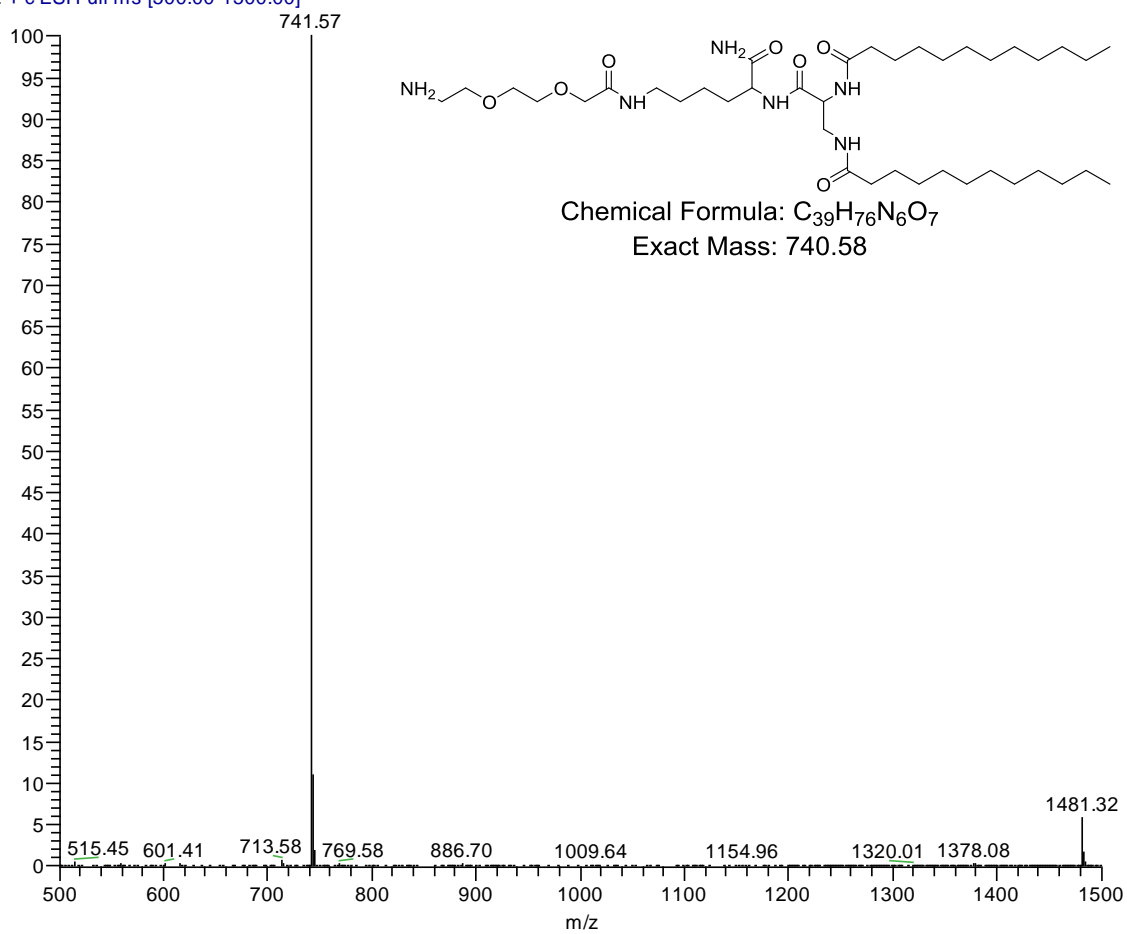


Fig. S2 ESI-MS of Amine-LTL

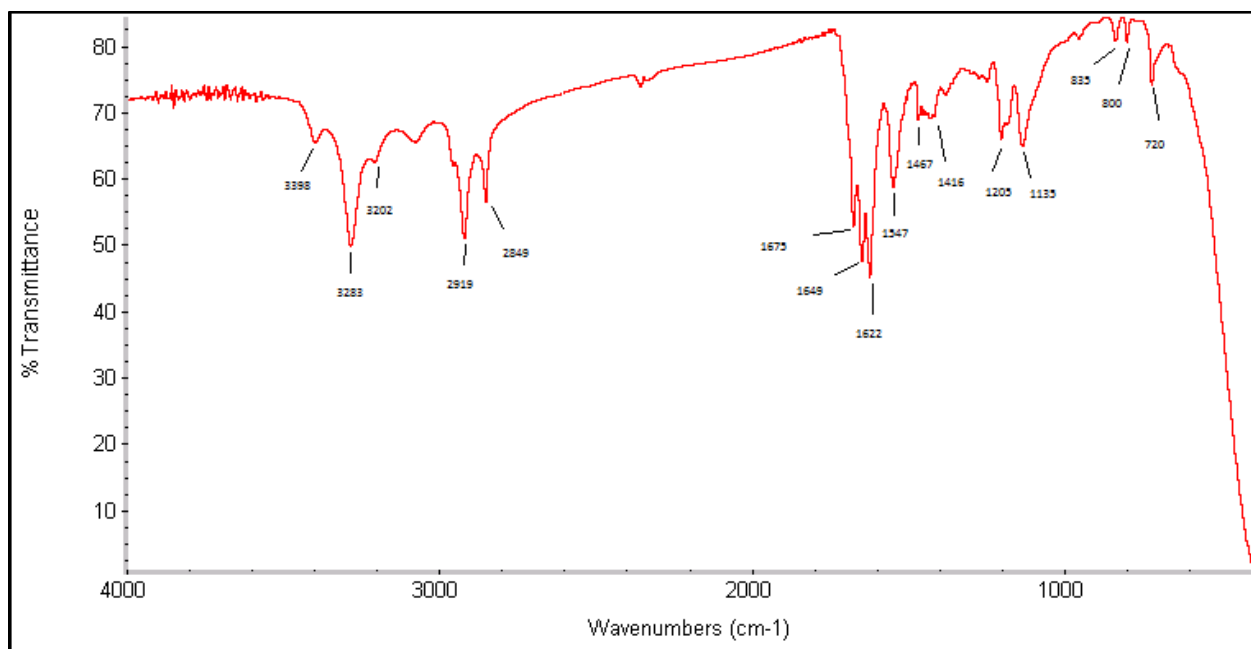


Fig. S3 FT-IR of **Amine-LTL**

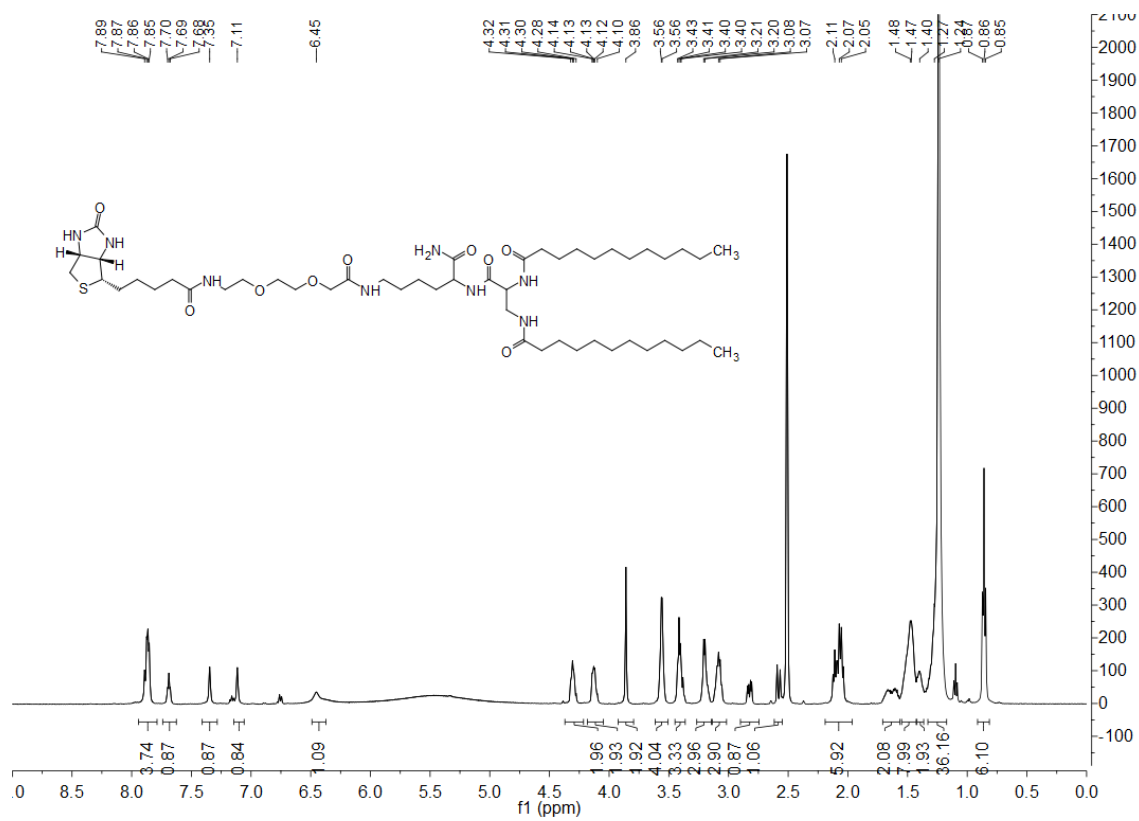


Fig. S4 ¹H NMR of **Biotin-LTL**

jerry_0414_01 #110-159 RT: 2.13-3.08 AV: 50 SB: 13 0.01-0.24 NI: 1.491E4
T: + c ESI Full ms [500.00-1500.00]

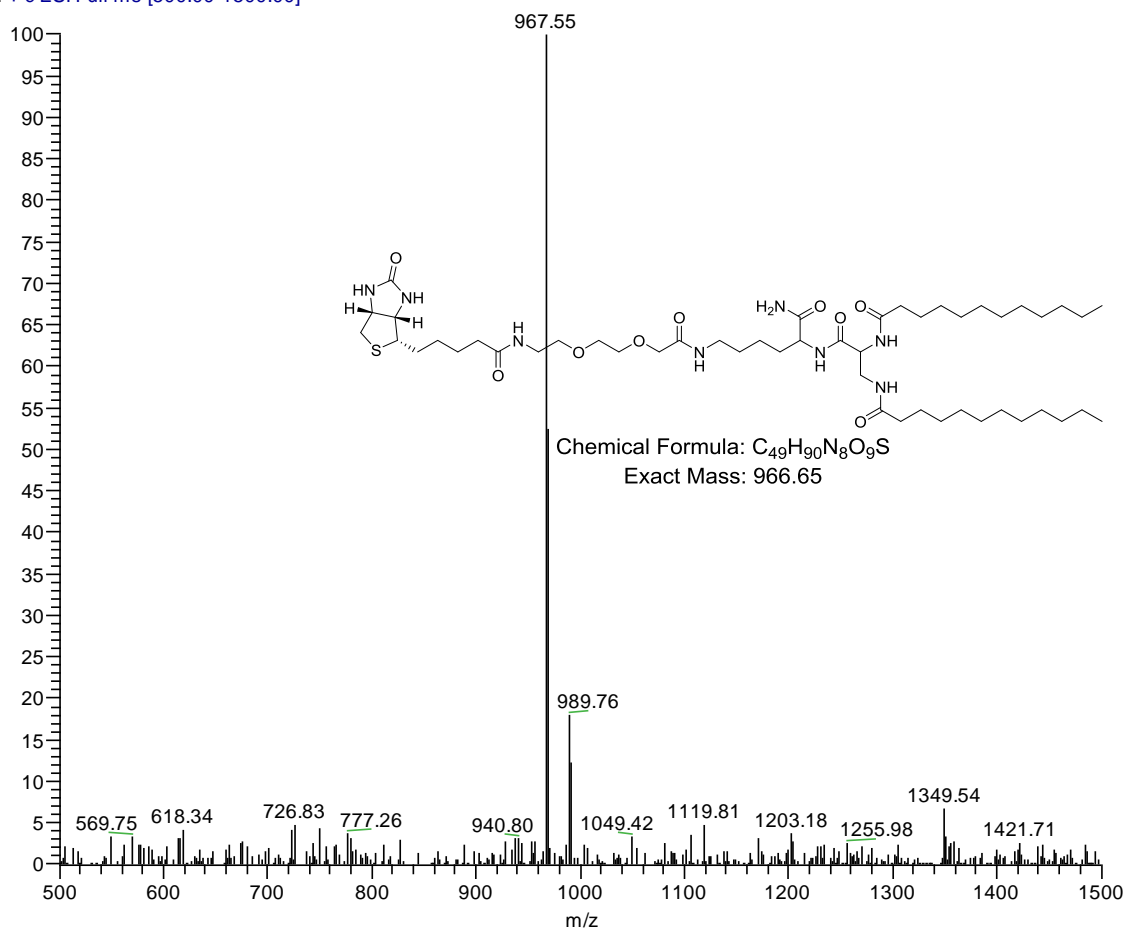


Fig. S5 ESI-MS of **Biotin-LTL**

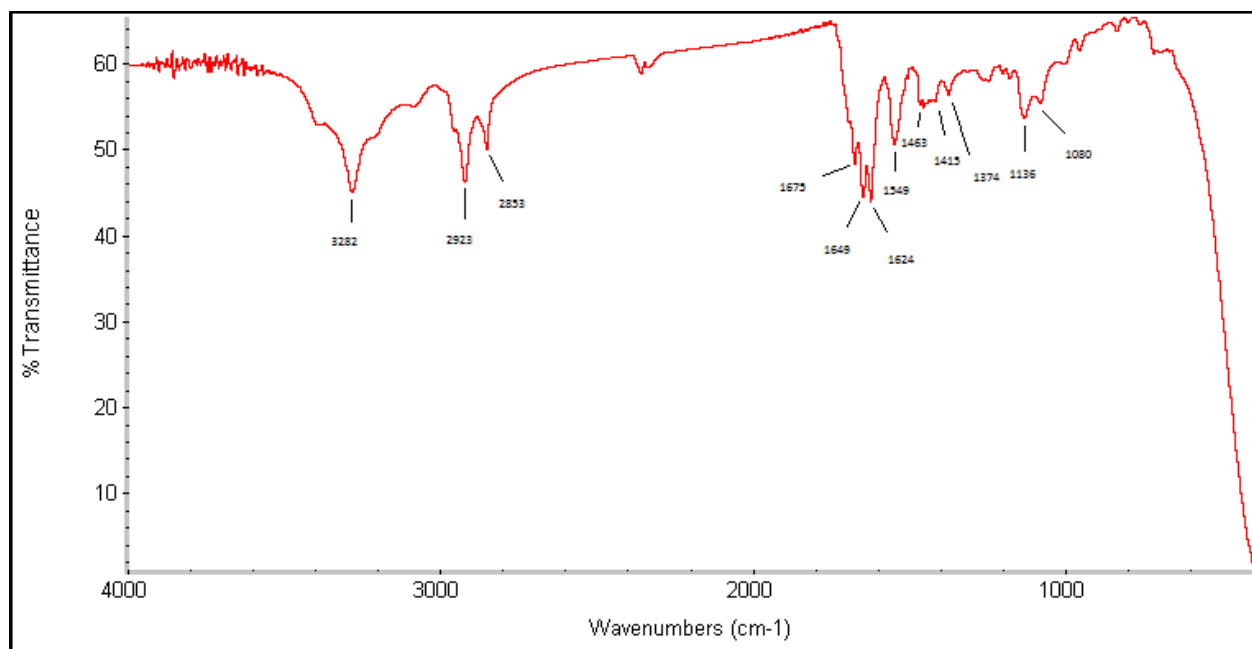


Fig. S6 FT-IR of **Biotin-LTL**

Jerry_001 #360 RT: 6.85 AV: 1 NL: 6.70E7
T: + c ESI Full ms [500.00-1500.00]

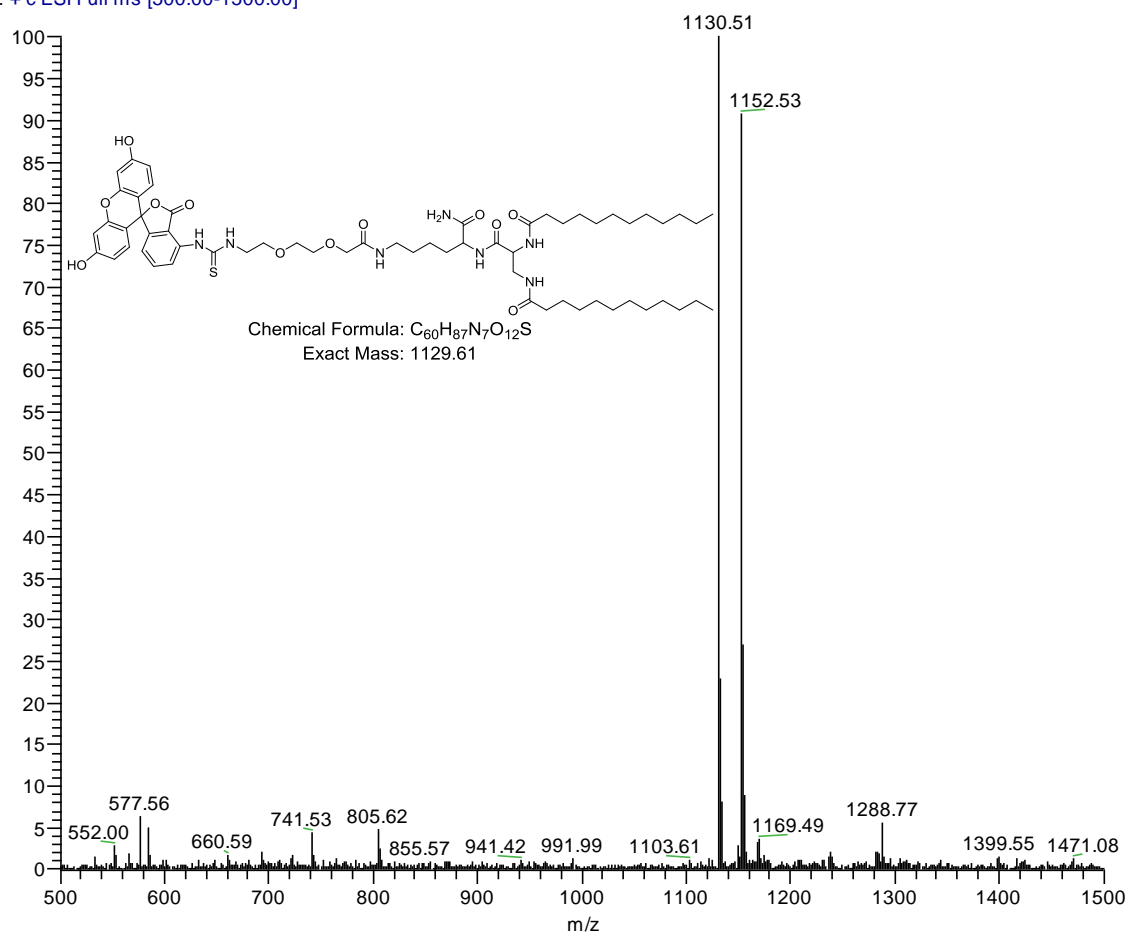


Fig. S7 ESI-MS of FITC-LTL

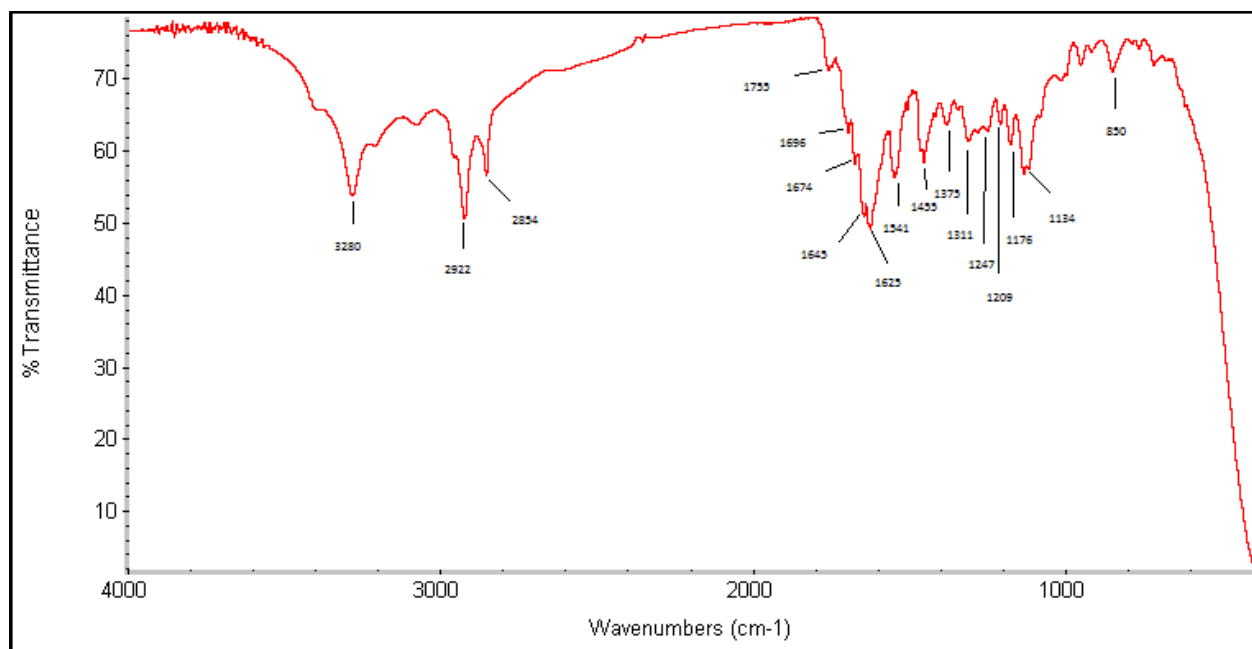


Fig. S8 FT-IR of FITC-LTL