

Fabrication of a Reactive Functionalized Microfilm with Aromatic Amines Applied to the Growth of Langerhans Cells

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Received June 7th, 2023; Accepted August 24th, 2023.

DOI for the article: <http://dx.doi.org/10.29356/jmcs.v68i1.2081>

Supplementary Information

Spectroscopy of compounds

2-acrylamido-2-methylpropanoic acid

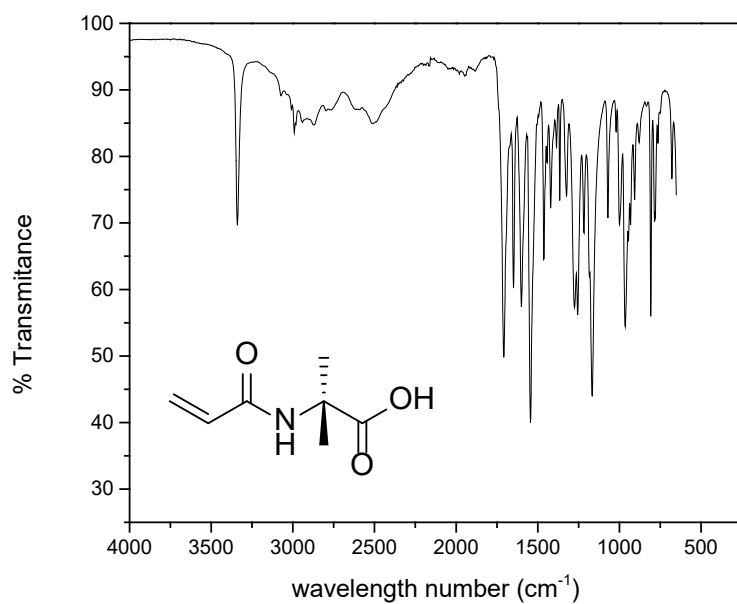


Fig. S1. Infrared spectrum of 2-acrylamido-2-methylpropanoic acid.

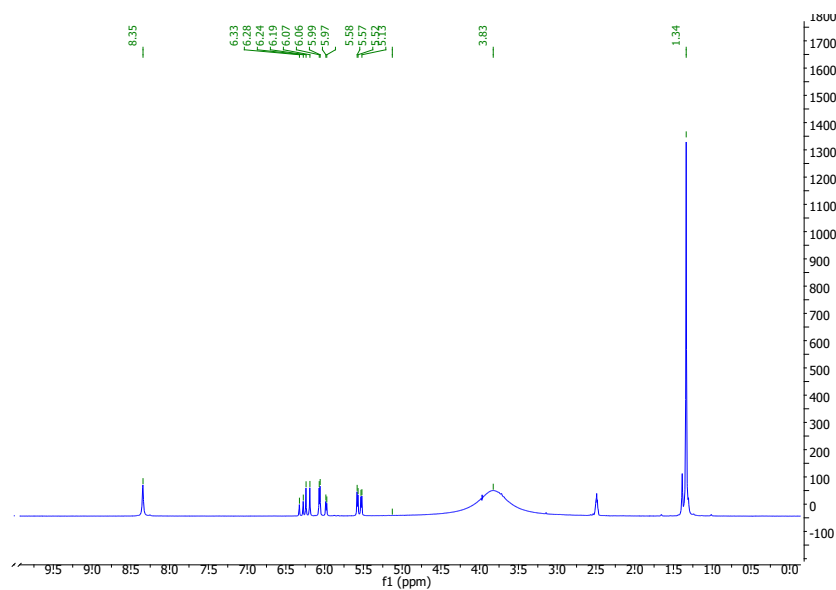


Fig. 2. ¹H NMR spectrum of 2-acrylamido-2-methylpropanoic acid.

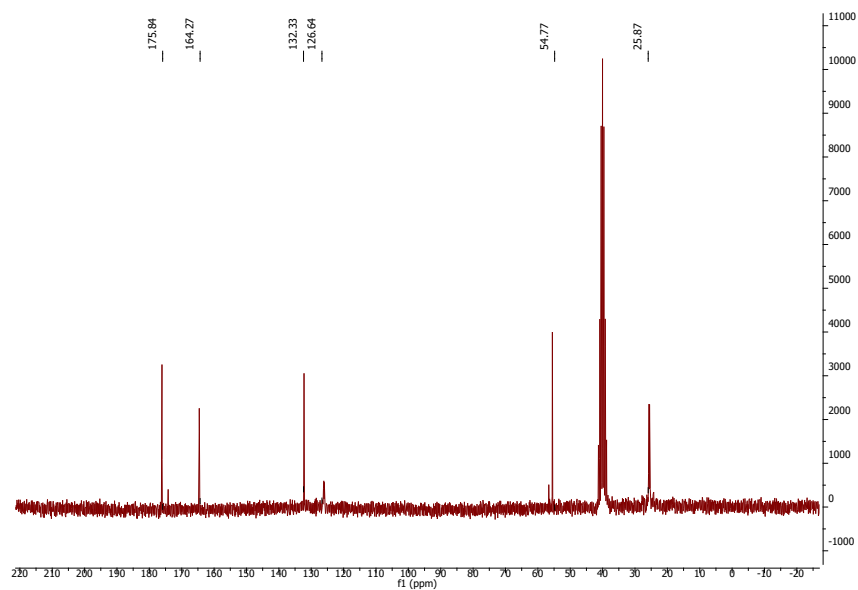


Fig. 3. 2-acrylamido-2-methylpropanoic acid.

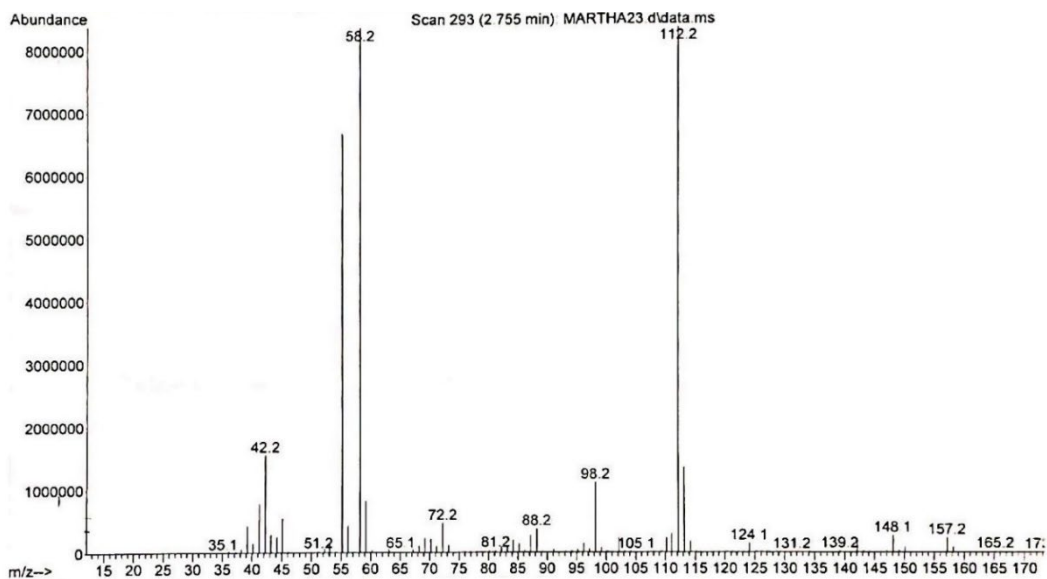
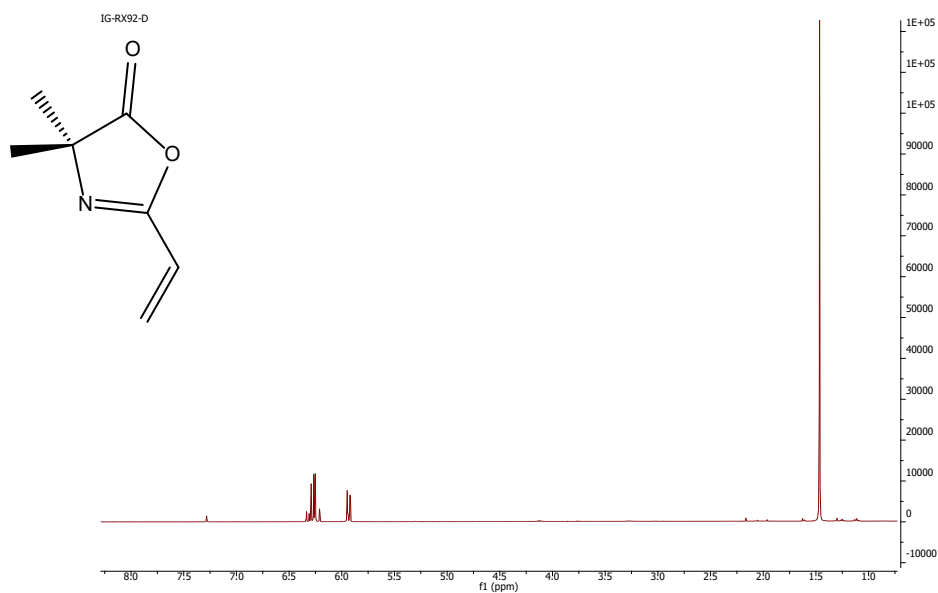
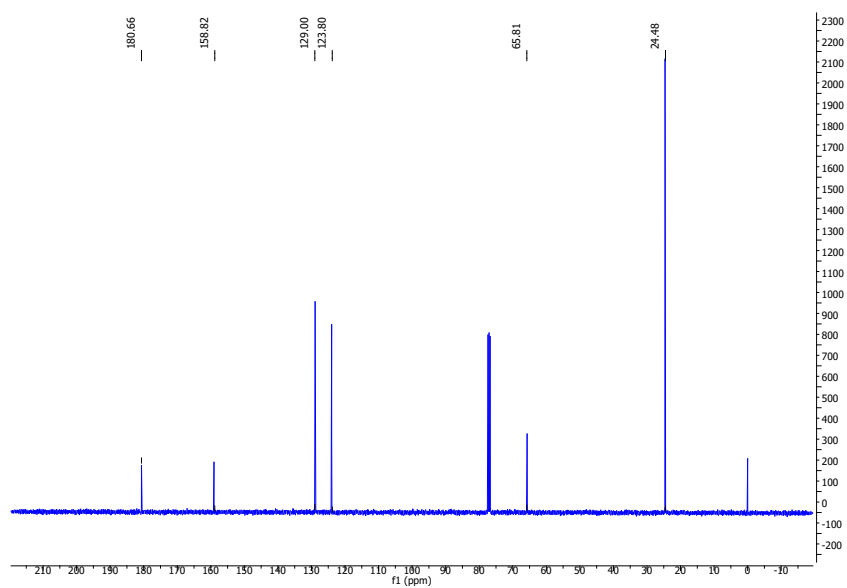


Fig. 4. ESI-MS spectrum of 2-acrylamido-2-methylpropanoic acid.

4,4-dimethyl-2-vinyloxazol-5(4H)-one

Fig. 5. ^1H NMR spectrum of 4,4-dimethyl-2-vinyloxazol-5(4H)-one.Fig. 6. ^{13}C spectrum of 4,4-dimethyl-2-vinyloxazol-5(4H)-one.

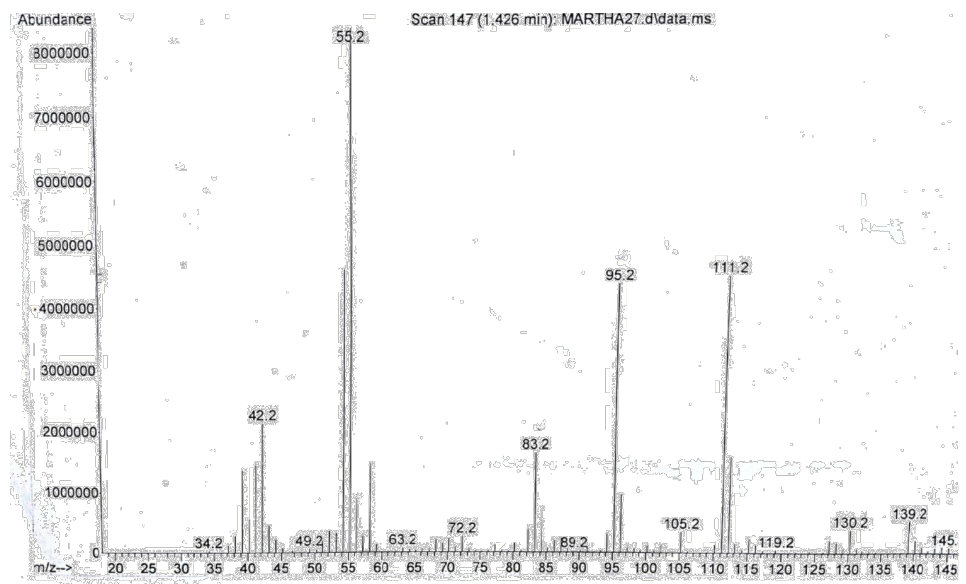


Fig. 7. ESI-MS spectrum of 4,4-dimethyl-2-vinylloxazol-5(4H)-one.

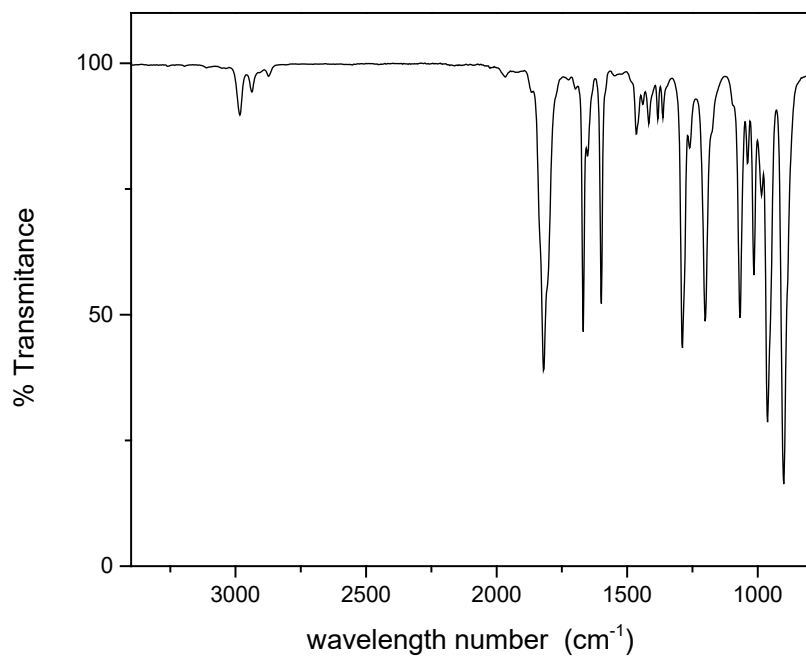
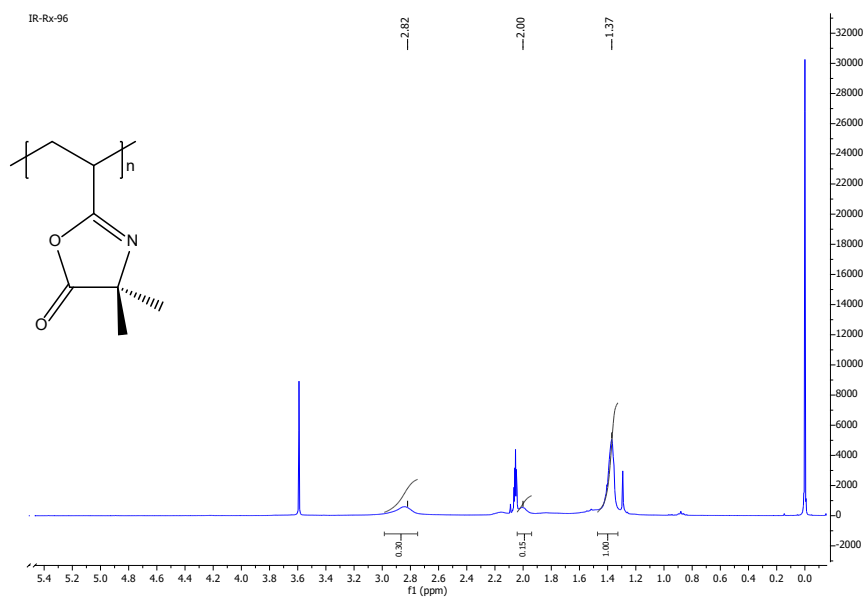
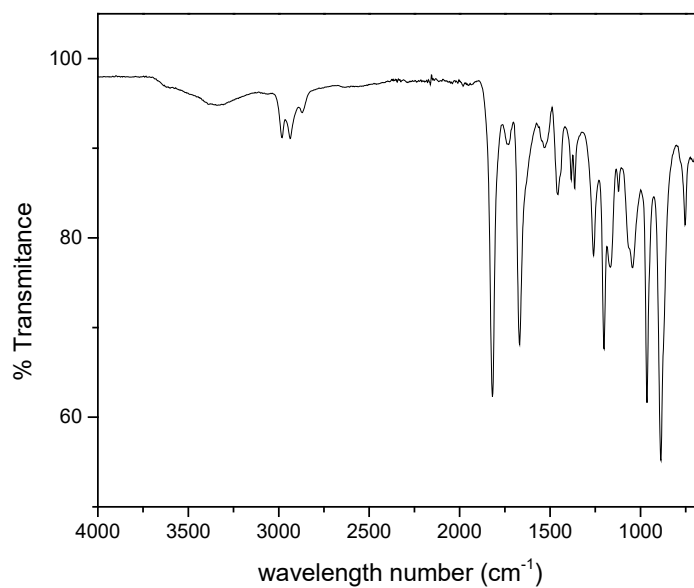


Fig. 8. Infrared spectrum of 4,4-dimethyl-2-vinylloxazol-5(4H)-one.

Poly(2-vinyl-4,4'-dimethylazlactone)**Fig. 9.** ¹H NMR SPECTRUM of poly(2-vinyl-4,4'-dimethylazlactone).**Fig. 10.** Infrared spectrum of Poly(2-vinyl-4,4'-dimethylazlactone).