
Immunomodulatory effects of *Pseudomonas aeruginosa* quorum sensing small molecule probes on mammalian macrophages[†]

Gemma L. Thomas,^a Christine M. Böhner,^a Hannah E. Williams,^b Catherine M. Walsh,^b Mark Ladlow,^c Martin Welch,^d Clare E. Bryant^b and David R. Spring^{*a}

^a Department of Chemistry, University of Cambridge, Lensfield Road, Cambridge, CB2 1EW, UK. E-mail: drspring@ch.cam.ac.uk

^b Department of Clinical Veterinary Medicine, University of Cambridge, Madingley Road, Cambridge, CB3 0ES, UK. E-mail: ceb27@cam.ac.uk

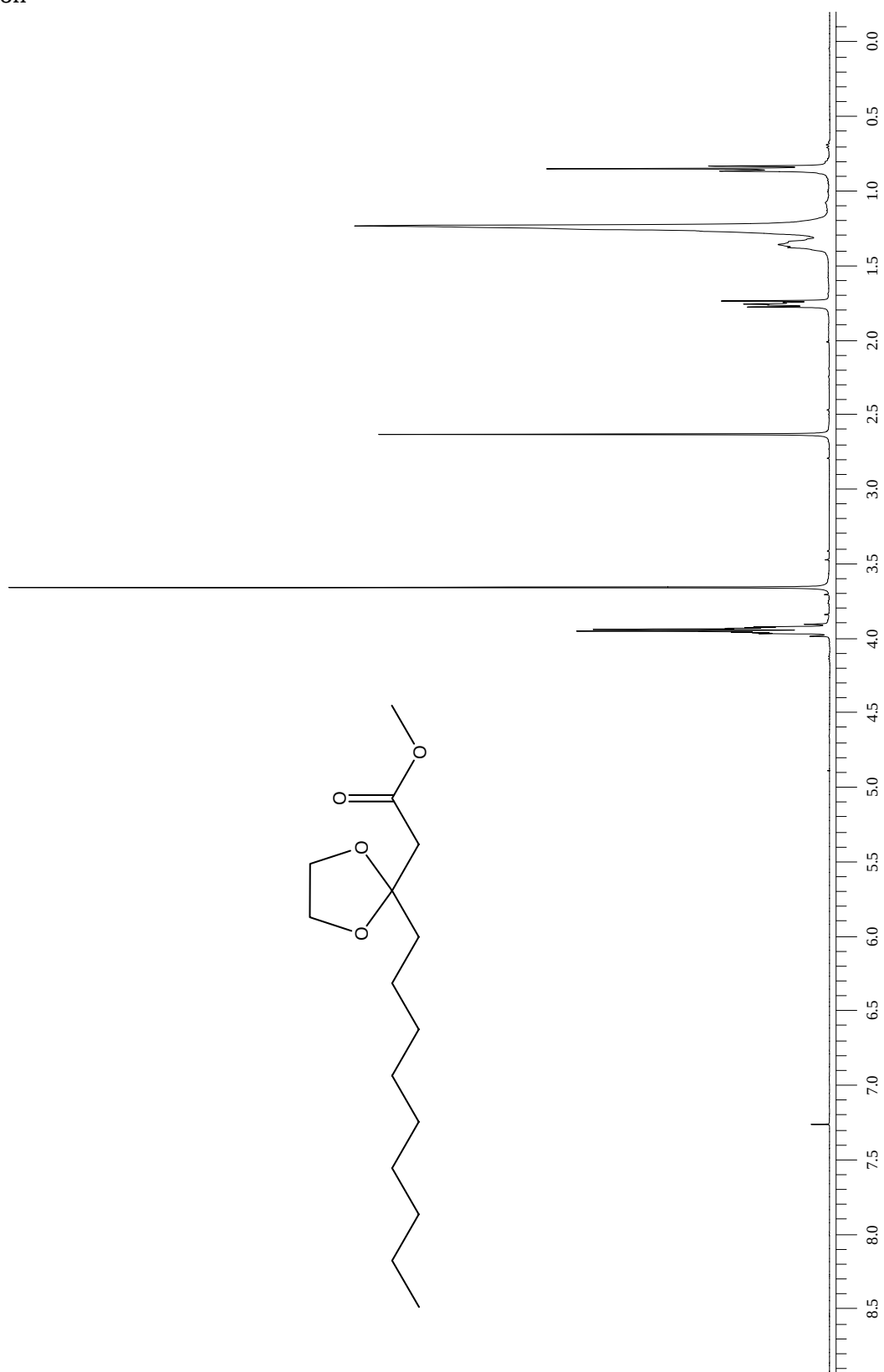
^c GSK Cambridge Technology Centre, Lensfield Road, Cambridge, CB2 1EW, UK

^d Department of Biochemistry, University of Cambridge, Downing Site, Cambridge, CB2 1QW, UK. E-mail: m.welch@bioc.cam.ac.uk

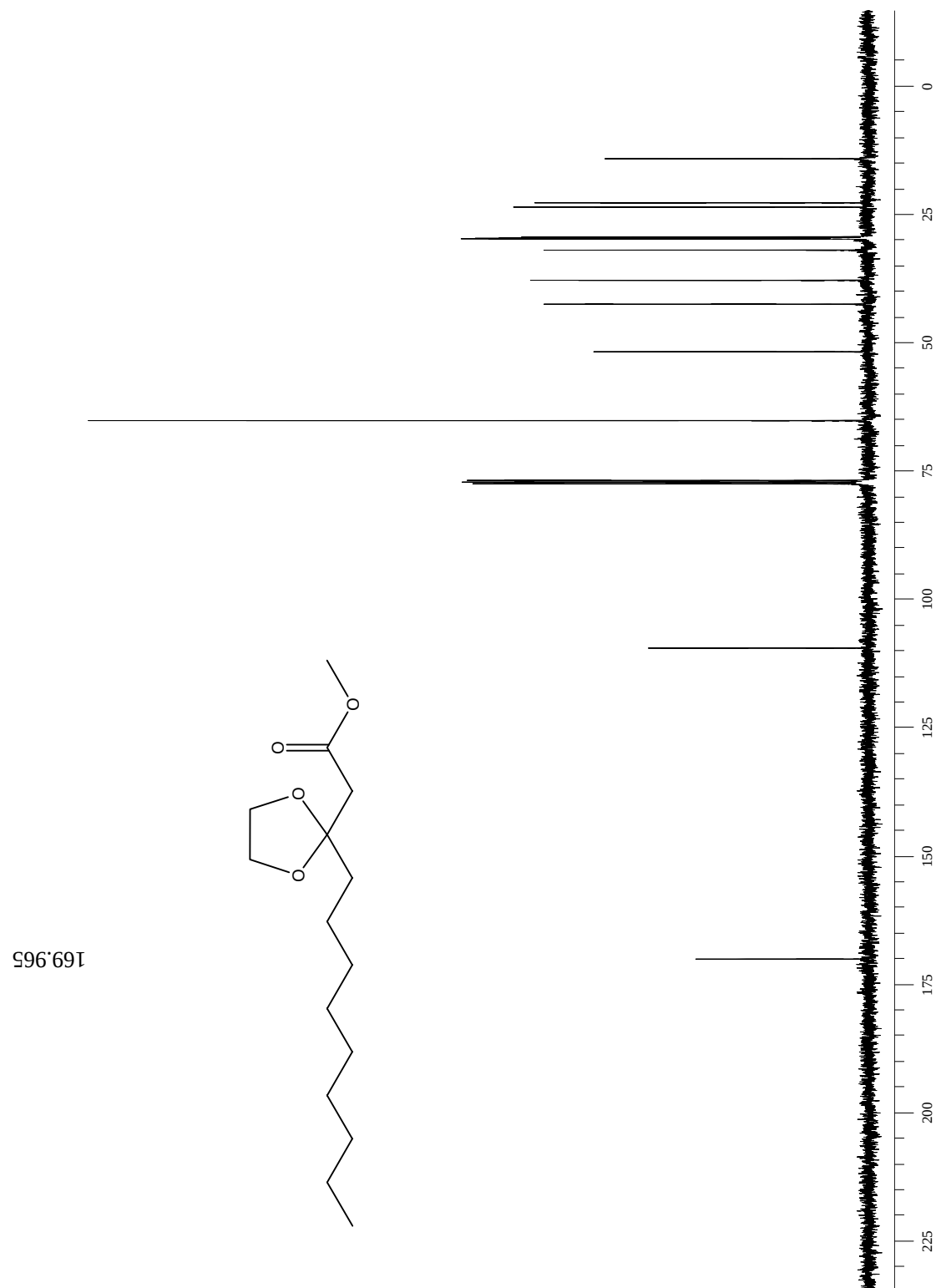
Supporting Information

Proton and carbon NMR spectra of compounds synthesized.

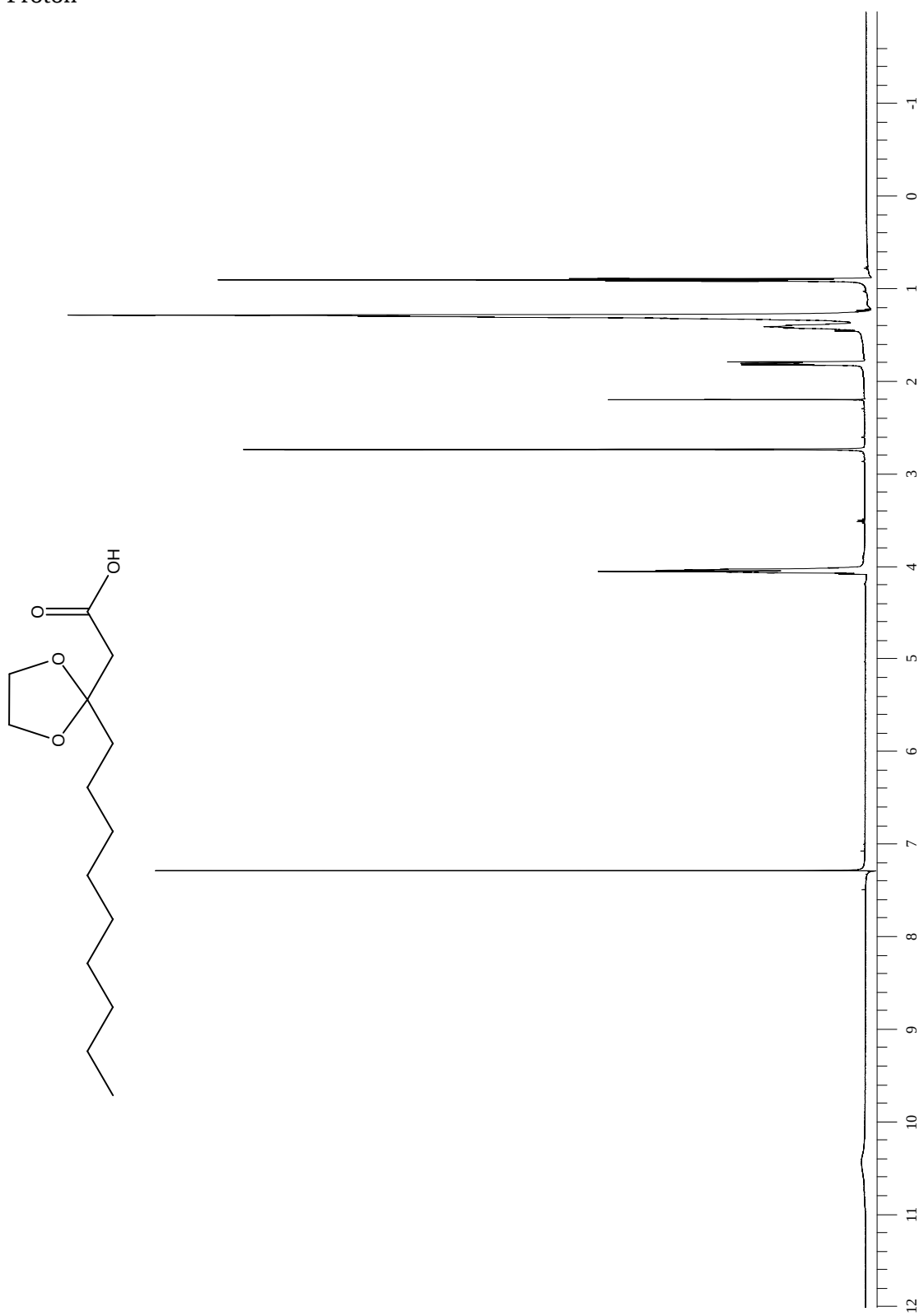
Methyl-(2-nonyl-[1,3]-dioxolan-2-yl)-acetate
Proton



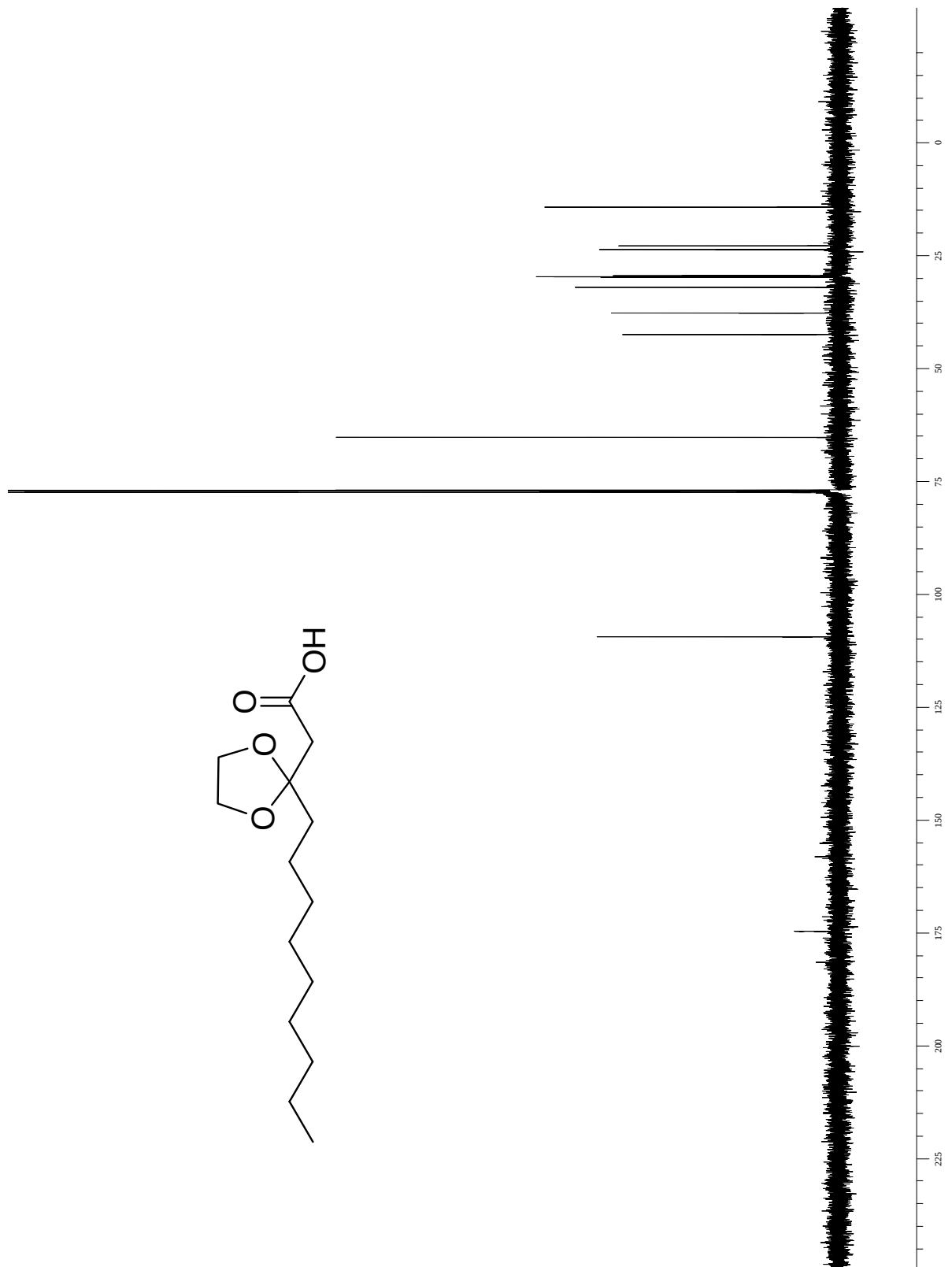
Carbon



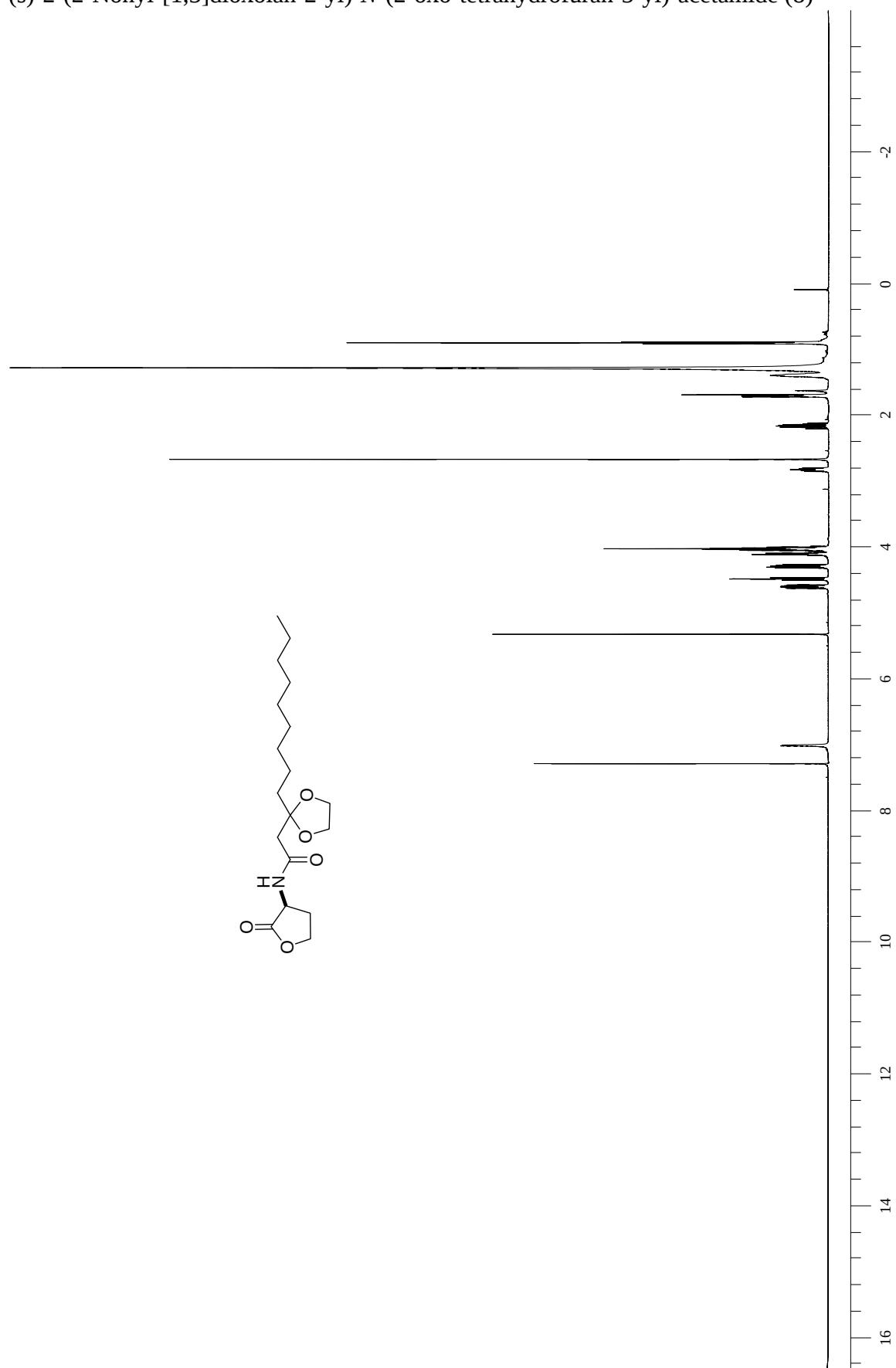
(2-Nonyl-[1,3]dioxolan-2-yl)-acetic acid
Proton



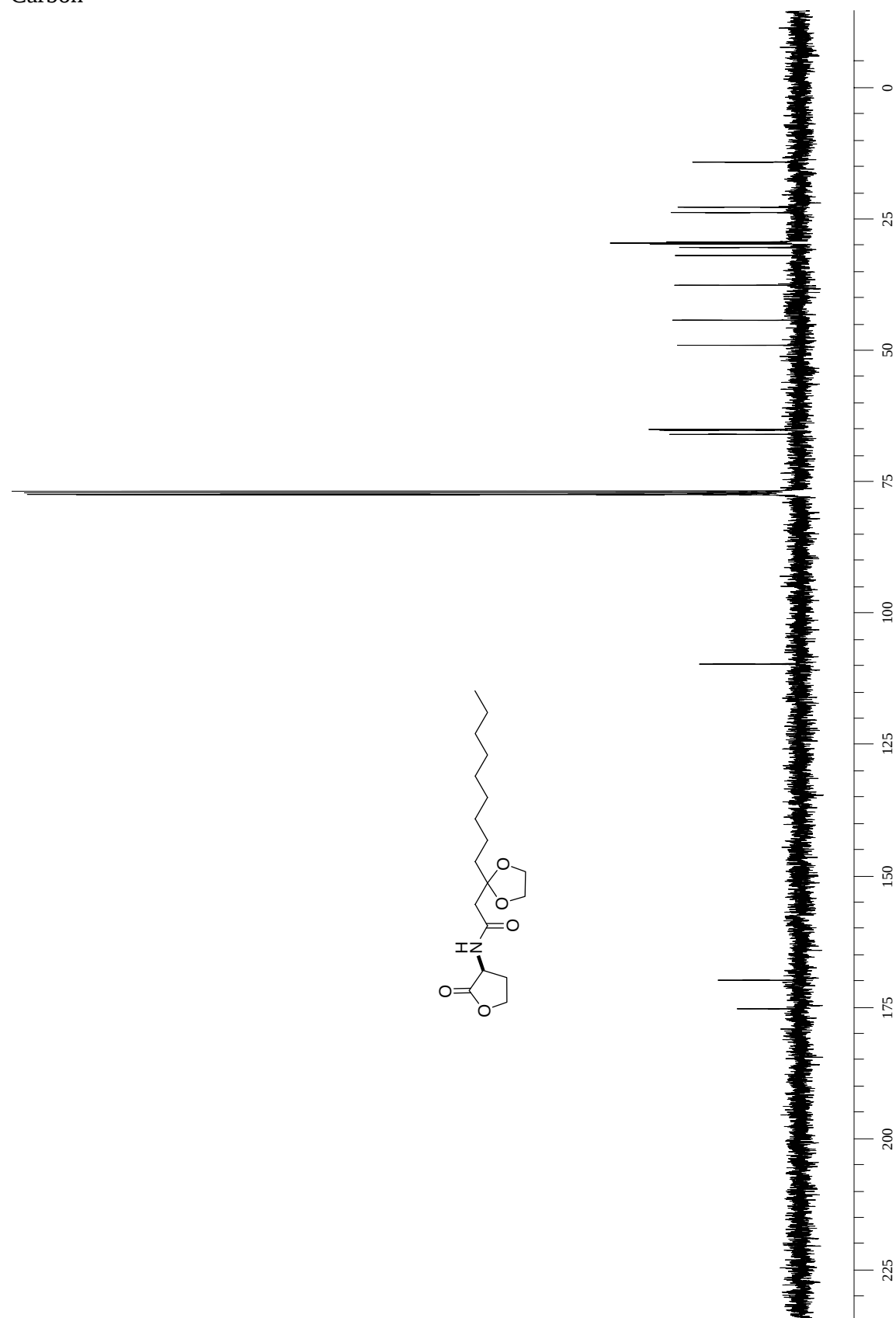
Carbon



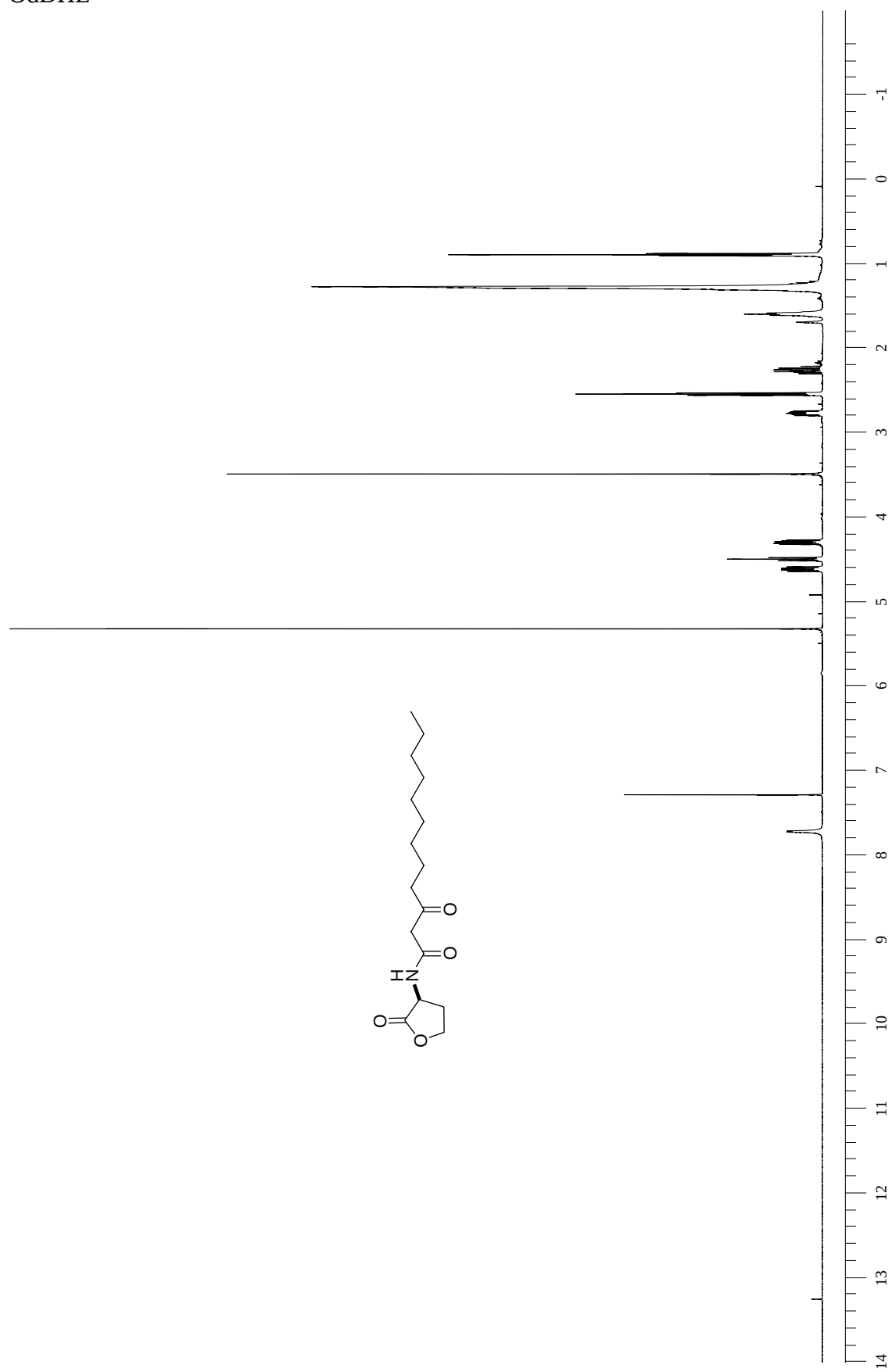
(S)-2-(2-Nonyl-[1,3]dioxolan-2-yl)-N-(2-oxo-tetrahydrofuran-3-yl)-acetamide (8)



Carbon



THDPO



Carbon

