

Systematic study on free radical hydrothiolation of unsaturated monosaccharide derivatives with exo- and endocyclic double bonds

László Lázár,^a Magdolna Csávás,^b Ádám Hadházi,^b Mihály Herczeg,^{a,c} Marietta Tóth,^c László Somsák,^c Terézia Barna,^d Pál Herczegh^b and Anikó Borbás*^{a,b}

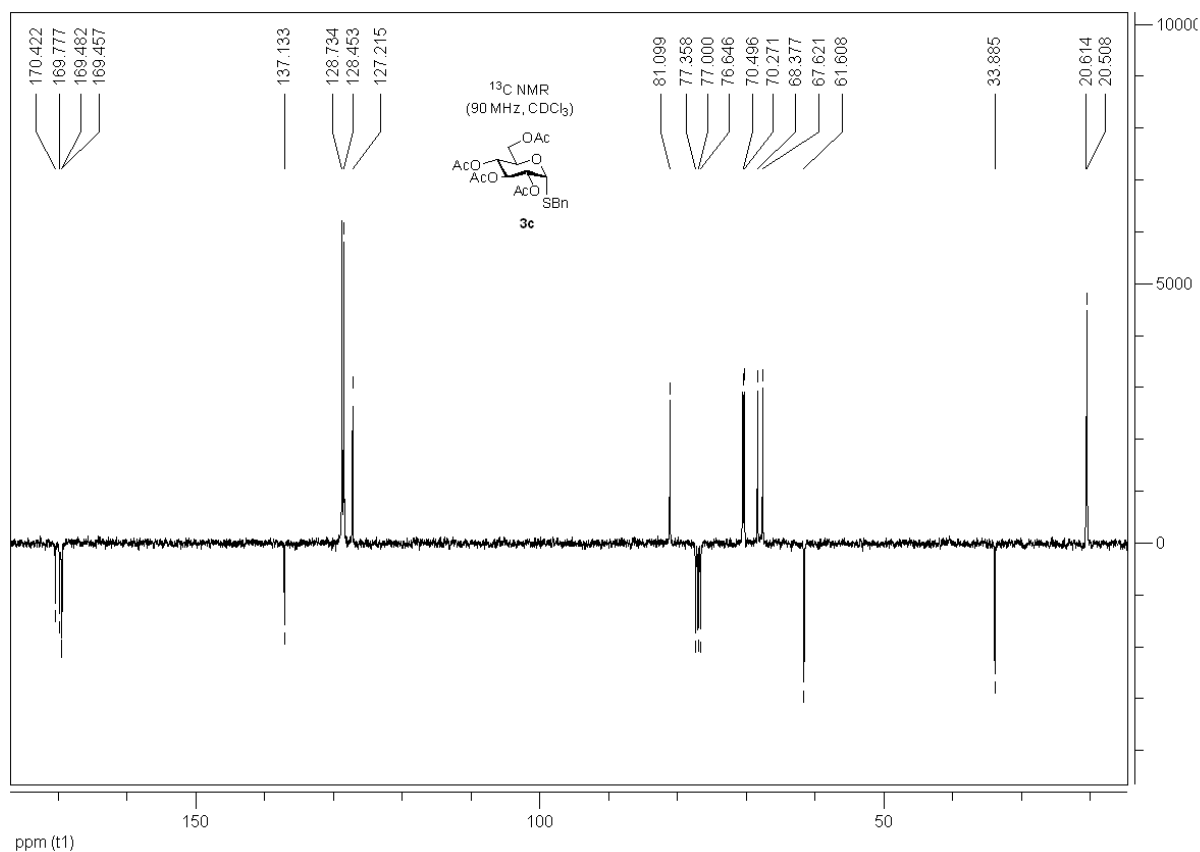
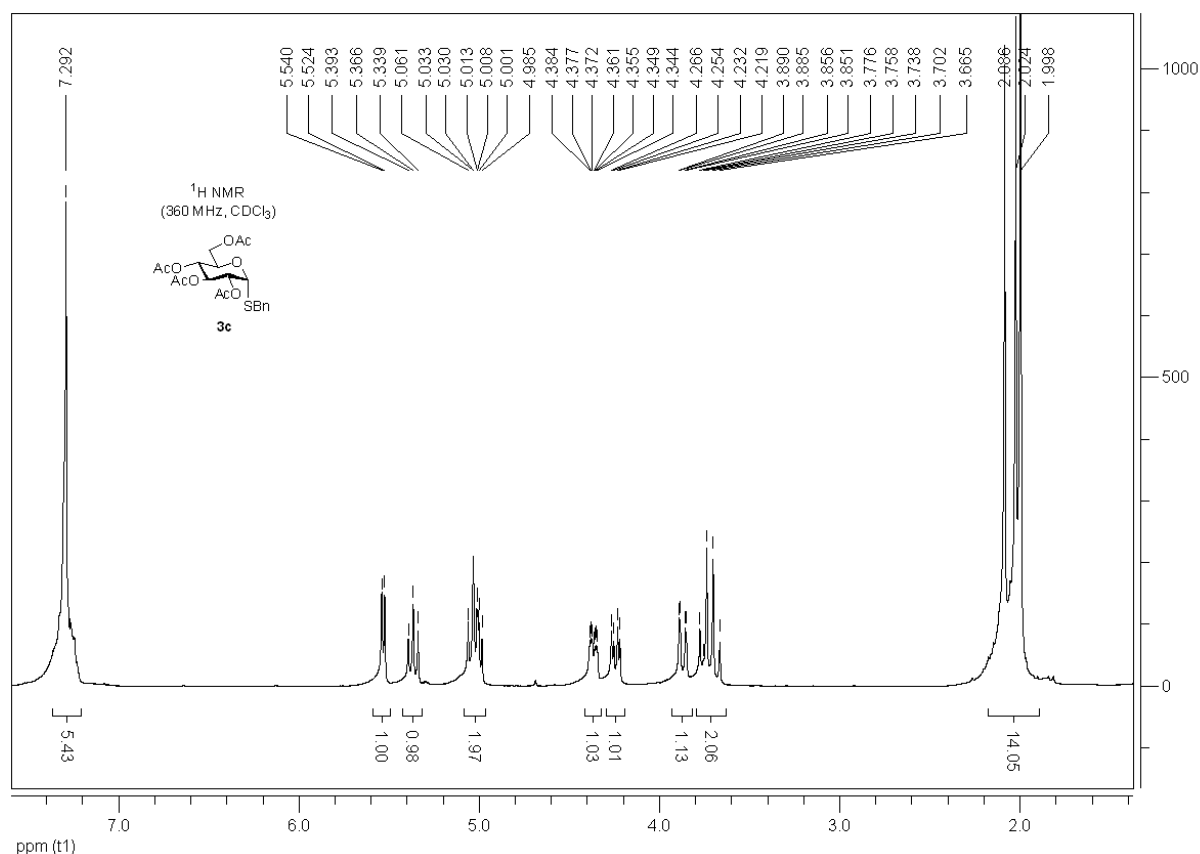
^a*Research Group for Carbohydrates, University of Debrecen, H-4010 Debrecen, PO Box 94, Hungary,*

^b*Department of Pharmaceutical Chemistry, Medical and Health Science Center, University of Debrecen, H-4010 Debrecen, PO Box 70, Hungary,*

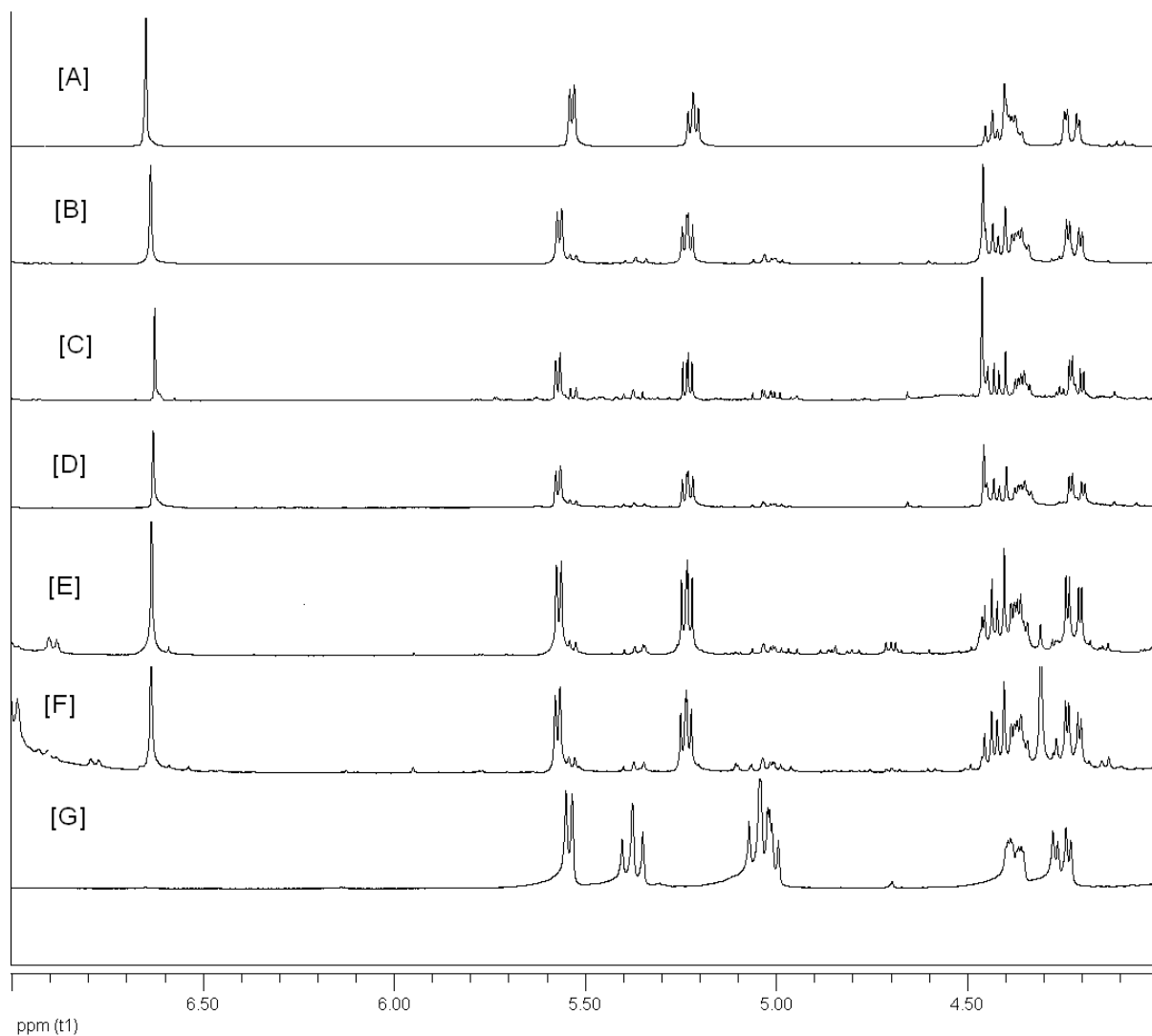
^c*Department of Organic Chemistry, University of Debrecen, H-4010 Debrecen, PO Box 20, Hungary,*

^d*Department of Genetics and Applied Microbiology, University of Debrecen, 4032 Debrecen, Hungary*

NMR spectra



¹H NMR analysis of the reaction of **1** and **2c** in different solvents



[A]: ¹H NMR spectrum of **1**

[B]- [E]: ¹H NMR spectra of the crude reaction mixtures after 3 x 15 min photolysis of **1** and **2c** in different solvents; [B]: toluene, [C]: MeOH, [D]: CH₂Cl₂, [E]: DMF, [F]: DMF-H₂O, 1:1

[G]: ¹H NMR spectrum of pure isolated **3c**

