

Supplementary Material

High-throughput preparation of alkyl 4-aryl substituted-2-methyl-6-thioxo-1,4,5,6-tetrahydropyridine-3-carboxylates under microwave irradiation

Hortensia Rodríguez,^{a,b*} Julieta Coro,^a Anabel Lam,^b Esperanza Salfrán,^a Javier Rodríguez-Salarichs,^b Margarita Suárez,^{a*} Fernando Albericio,^{b,c,d*} and Nazario Martín^e

^aLaboratorio de Síntesis Orgánica, Facultad de Química, Universidad de La Habana, 10400-Ciudad Habana, Cuba

^bInstitute for Research in Biomedicine, Barcelona Science Park, Baldori Reixac 10, 08028-Barcelona, Spain

^cCIBER-BBN, Networking Centre on Bioengineering, Biomaterials and Nanomedicine, Barcelona Science Park, Baldori Reixac 10, 08028-Barcelona, Spain

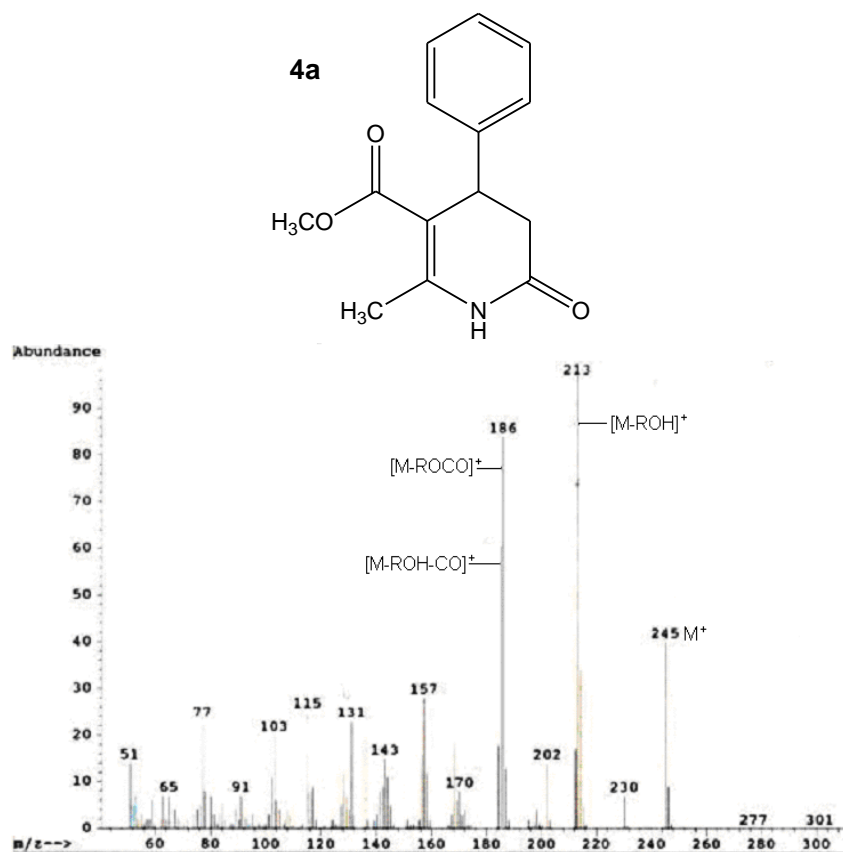
^dUniversity of Barcelona, Department of Organic Chemistry, Martí i Franqués 1-11, 08028-Barcelona, Spain

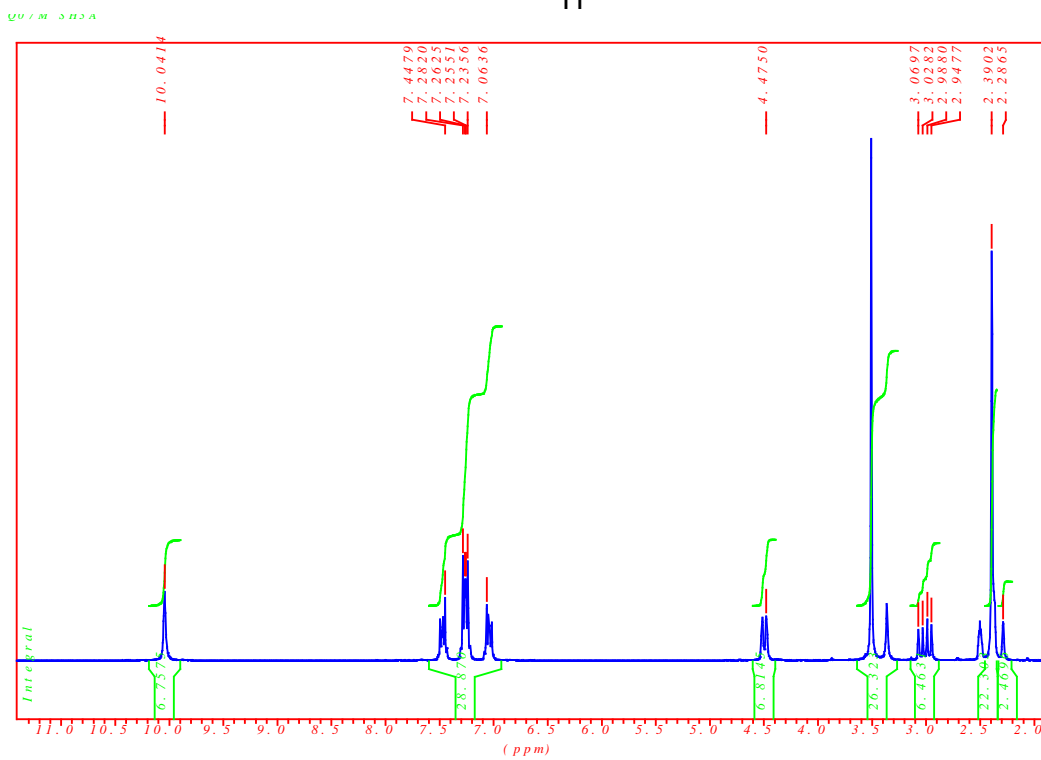
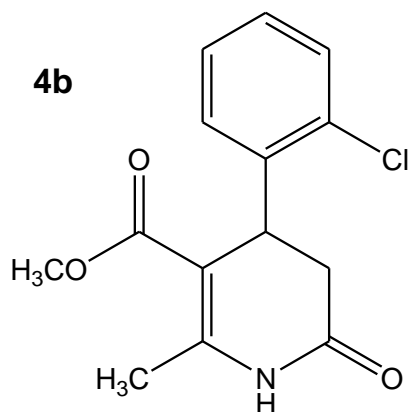
^eDepartamento de Química Orgánica, Facultad de Ciencias Químicas, Universidad Complutense, E-28040 Madrid, Spain

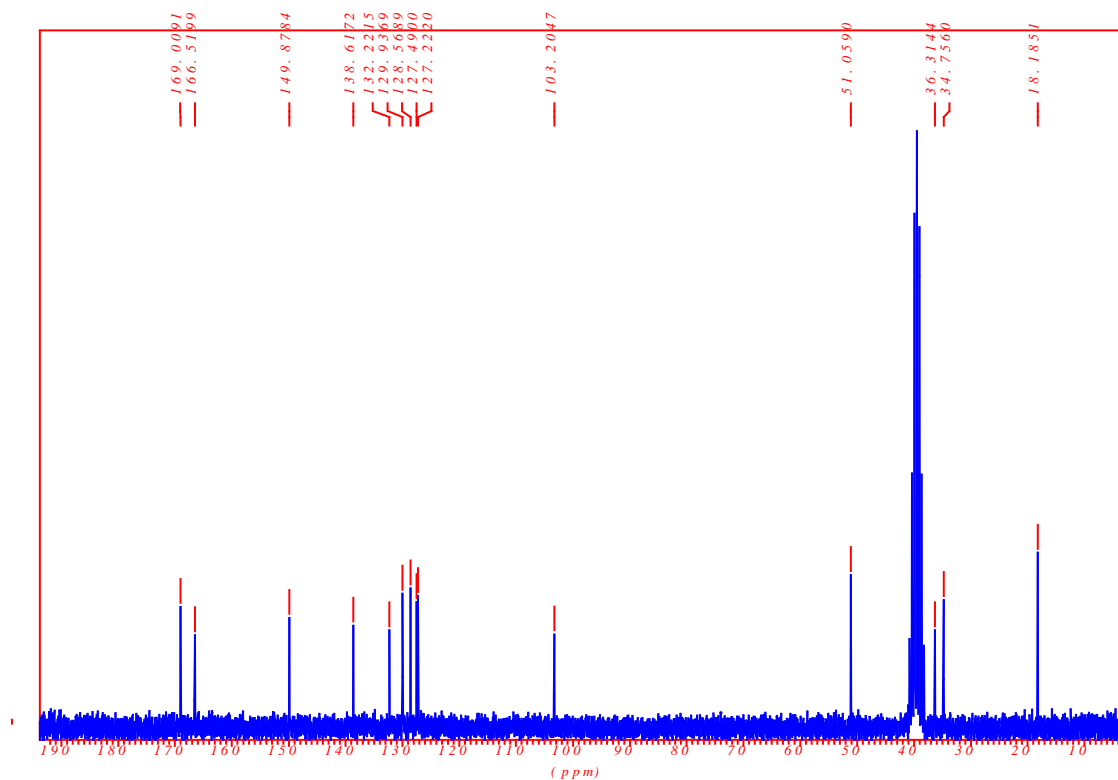
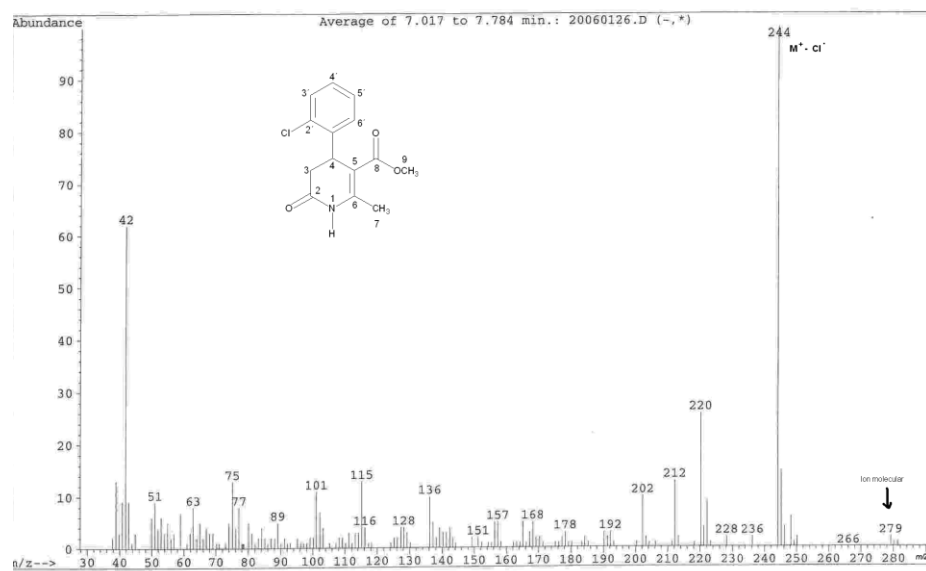
E-mail: horten@fq.uh.cu, msuarez@fq.uh.cu, albericio@irbbarcelona.org

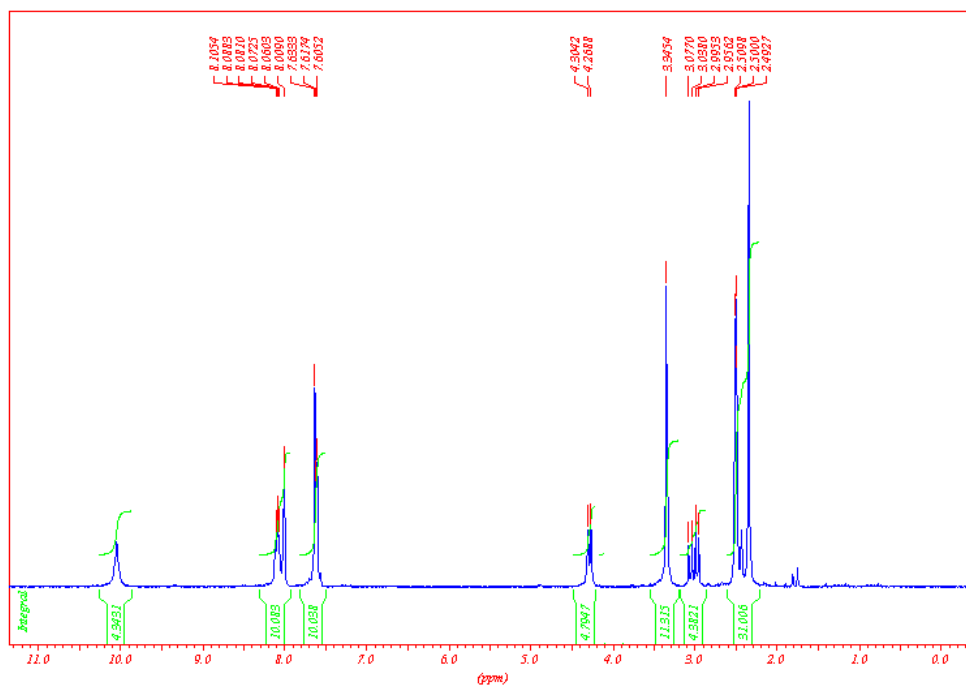
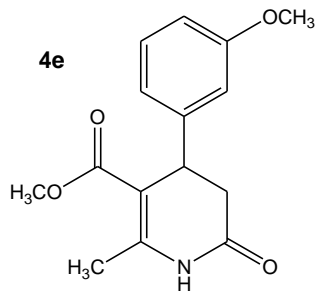
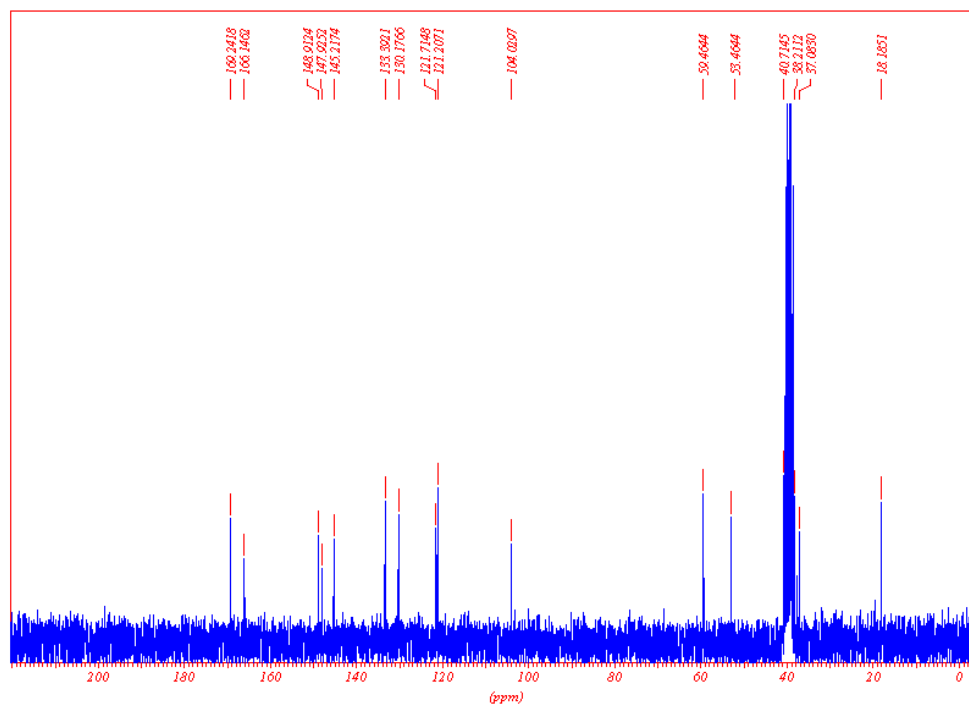
Table of Contents

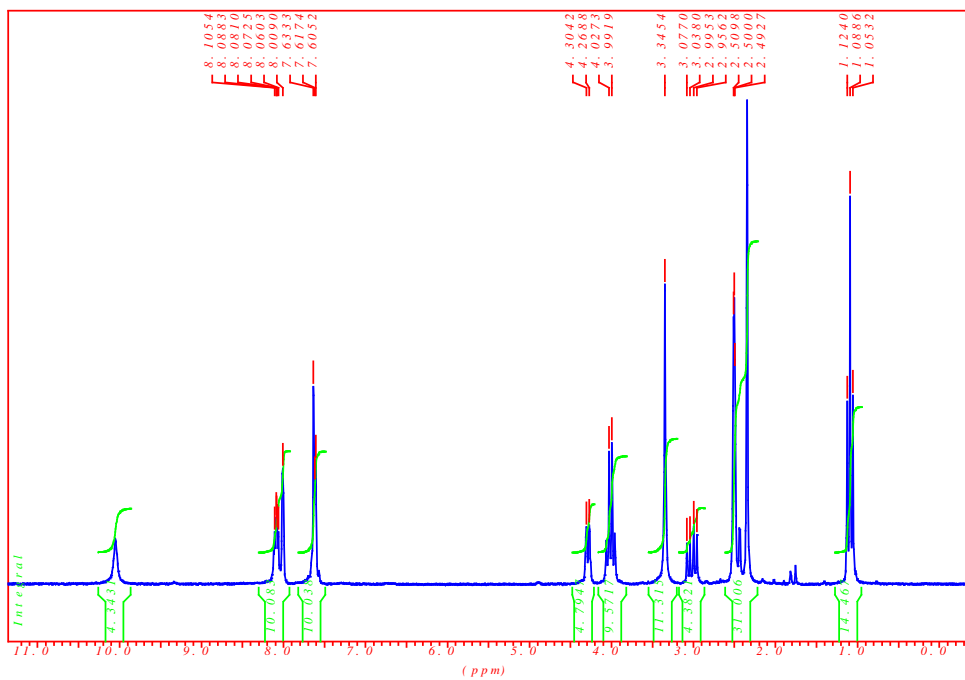
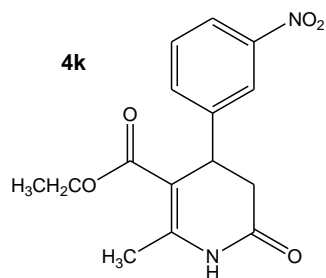
1. Mass spectrum of 4a	S2
2. ¹ H-NMR spectrum of 4b	S3
3. ¹³ C-NMR spectrum of 4b	S4
4. Mass spectrum of 4b	S4
5. ¹ H-NMR spectrum of 4e	S5
6. ¹³ C-NMR spectrum of 4e	S5
7. ¹ H-NMR spectrum of 4k	S6
8. ¹³ C-NMR spectrum of 4k	S6

Mass spectrum of **4a**

$^1\text{H-NMR}$ spectrum of **4b**

^{13}C -NMR spectrum of **4b**Mass spectrum of **4b**

¹H-NMR spectrum of **4e**¹³C-NMR spectrum of **4e**

$^1\text{H-NMR}$ spectrum of **4k** $^{13}\text{C-NMR}$ spectrum of **4k**