Regiodivergent synthesis of trisubstituted furans through Tf_2O catalyzed Friedel-Crafts acylation: a tool for access to tetrahydrofuran lignan analogues

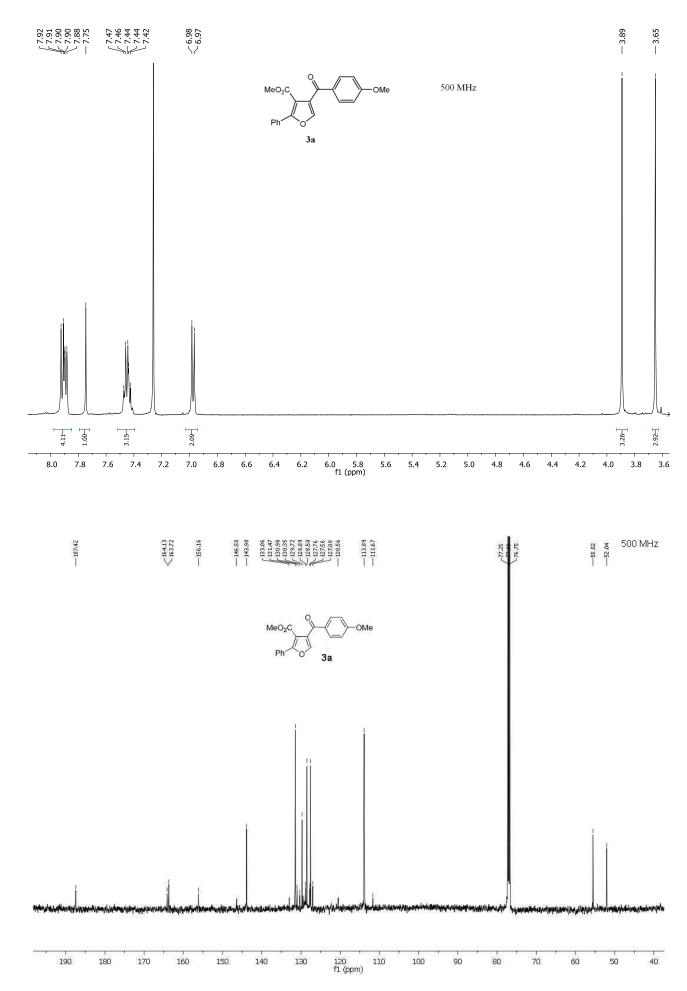
Daniela Comegna,* Marina DellaGreca,* M. Rosaria Iesce, Lucio Previtera, Armando Zarrelli, and Simona Zuppolini

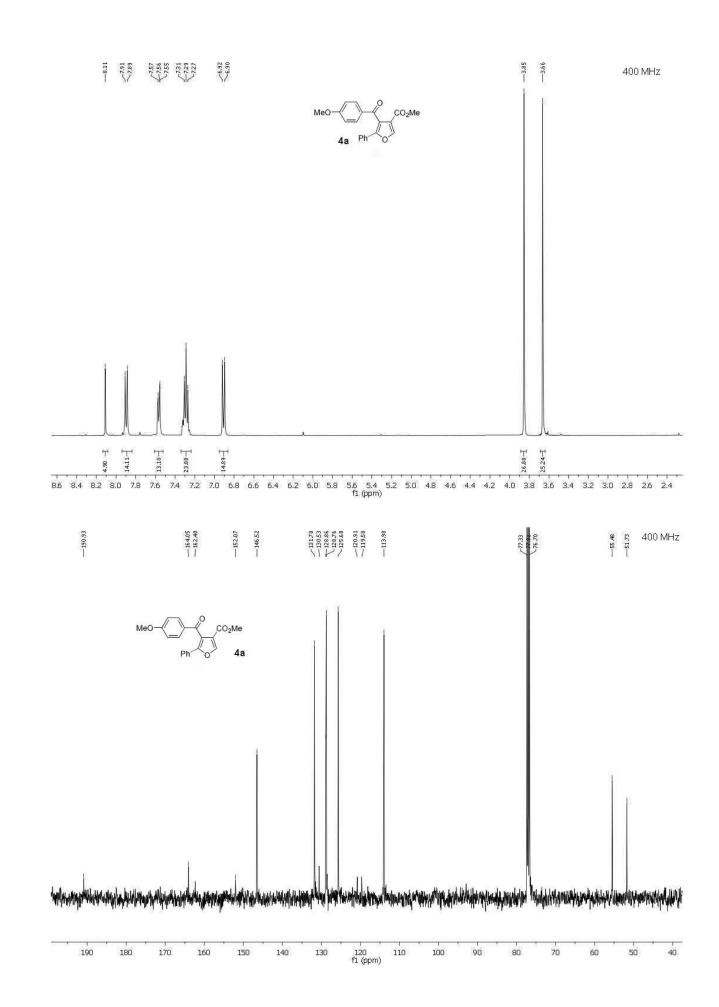
Dipartimento di Chimica Organica e Biochimica, Università Federico II, Complesso Universitario di Monte S. Angelo, via Cinthia 4, I-80126 Naples, Italy. Fax: +39 081 6741393; Tel: +39 081 674162; E-mail: daniela.comegna@unina.it; <u>dellagre@unina.it</u>.

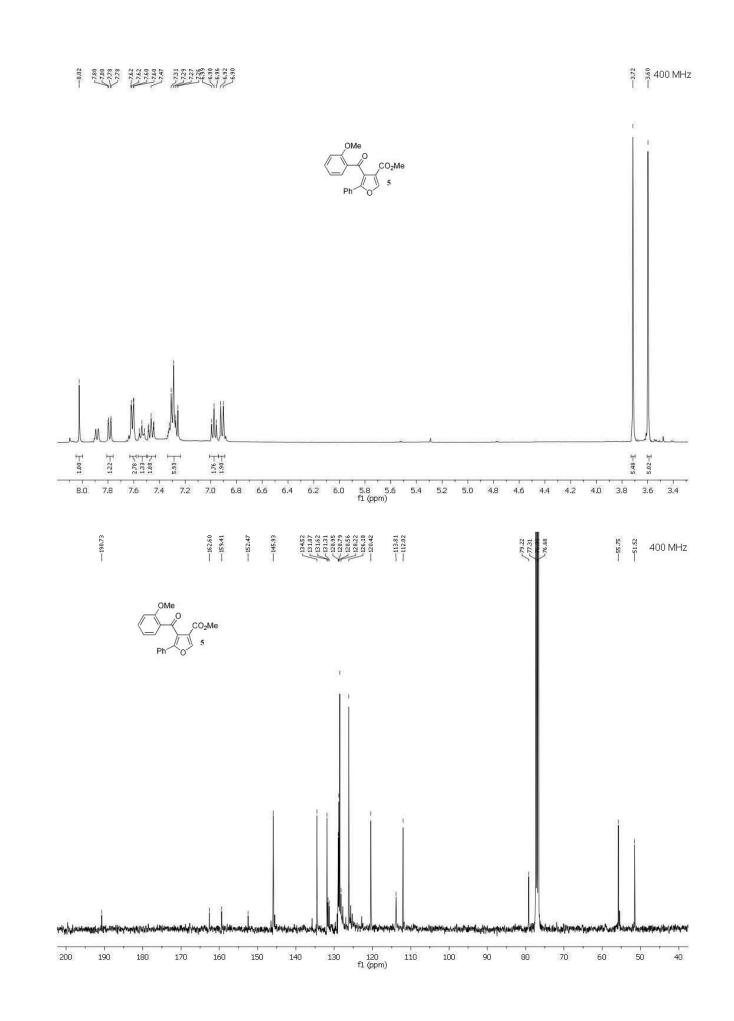
SUPPORTING INFORMATION

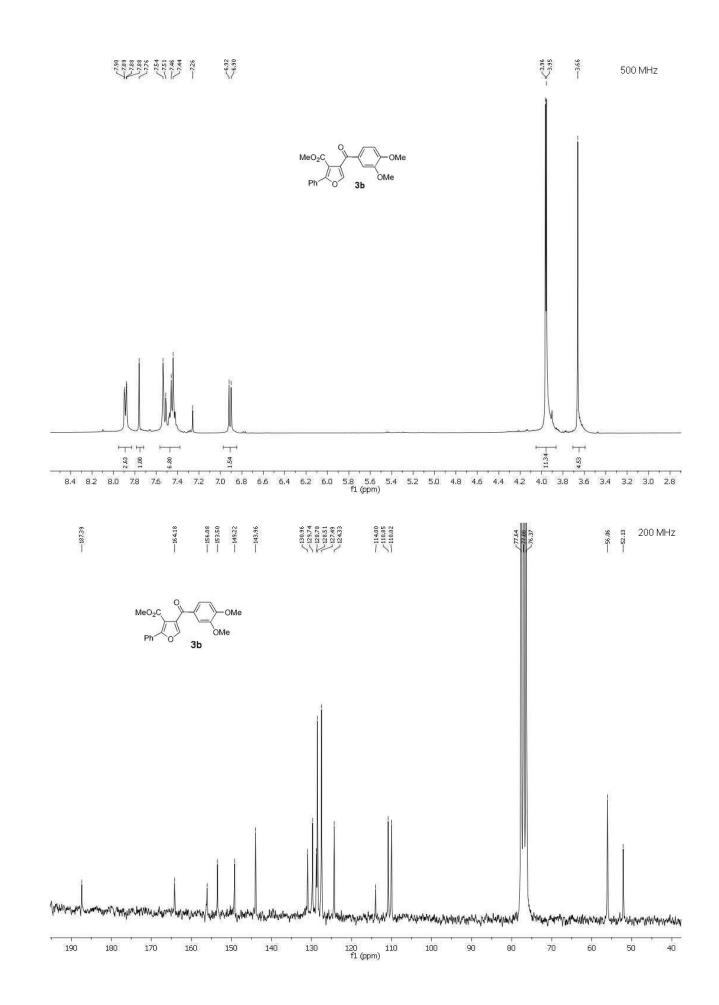
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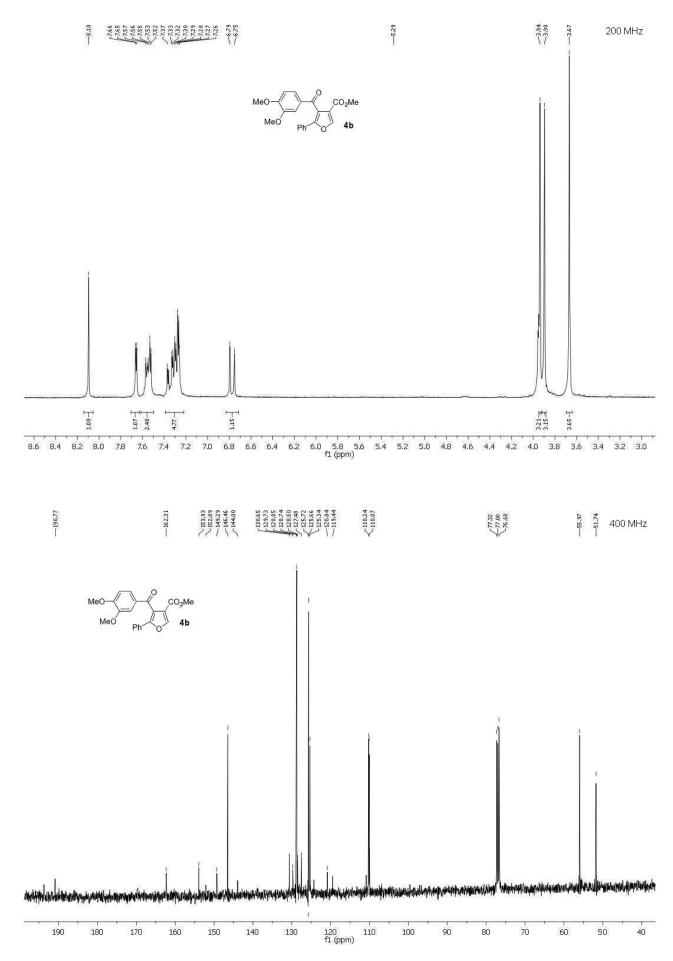
O NMR Spectra:
¹ H and ¹³ C NMR of compounds 3a-e , 4a-e , 5,7-9 pg. S2-S15
2D NMR Spectra:
HMQC of compound 3a pg. S16
HMBC of compound 3a pg. S16
HSQC of compound 4a pg. S17
HMBC of compound 4a pg. S17
HMBC of compound 5pg. S18
COSY of compound 9 pg. S18
HMBC of compound 9 pg. S19
NOESY of compound 9 pg. S19

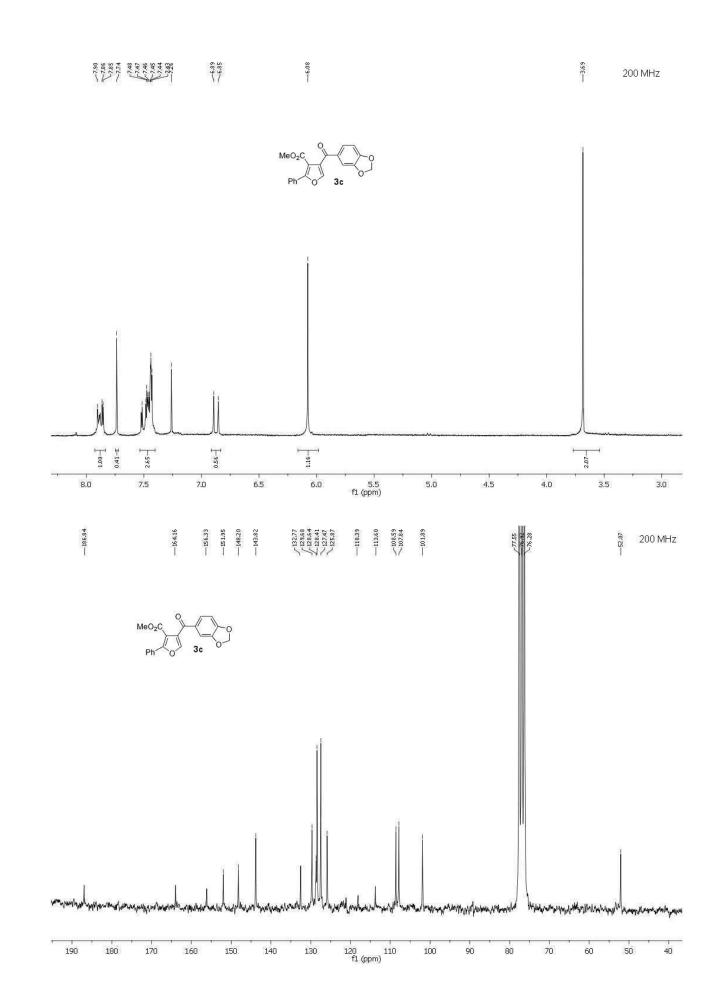


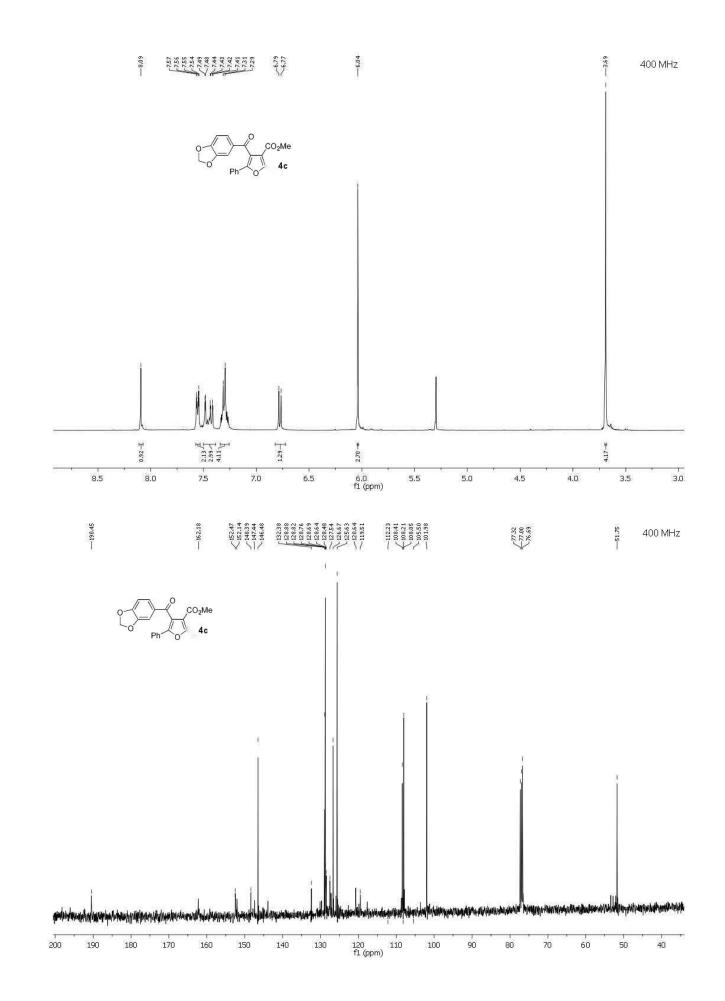


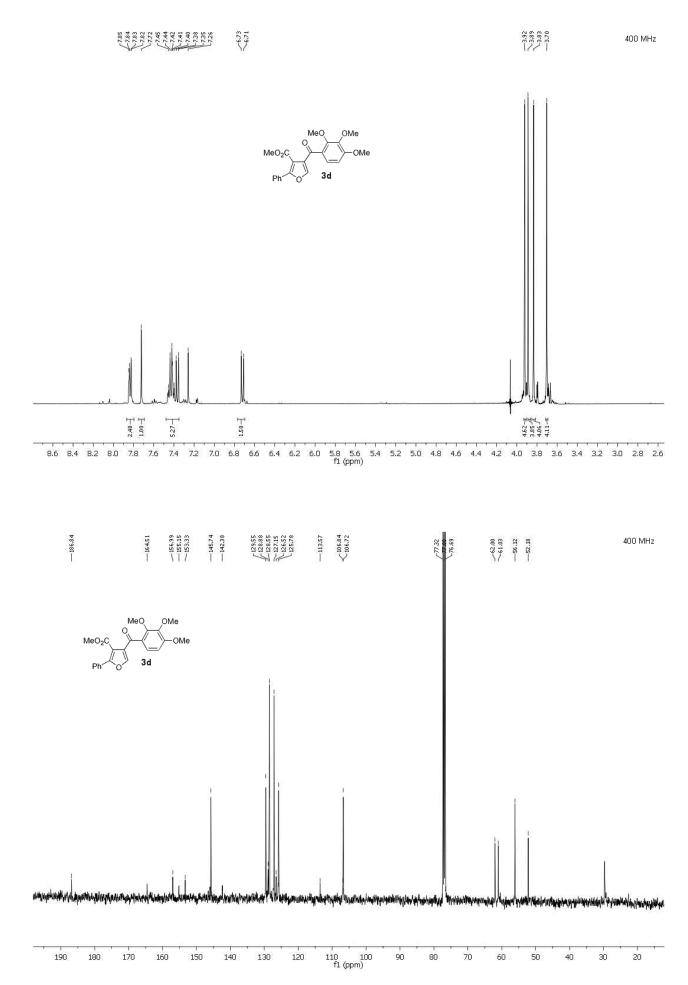


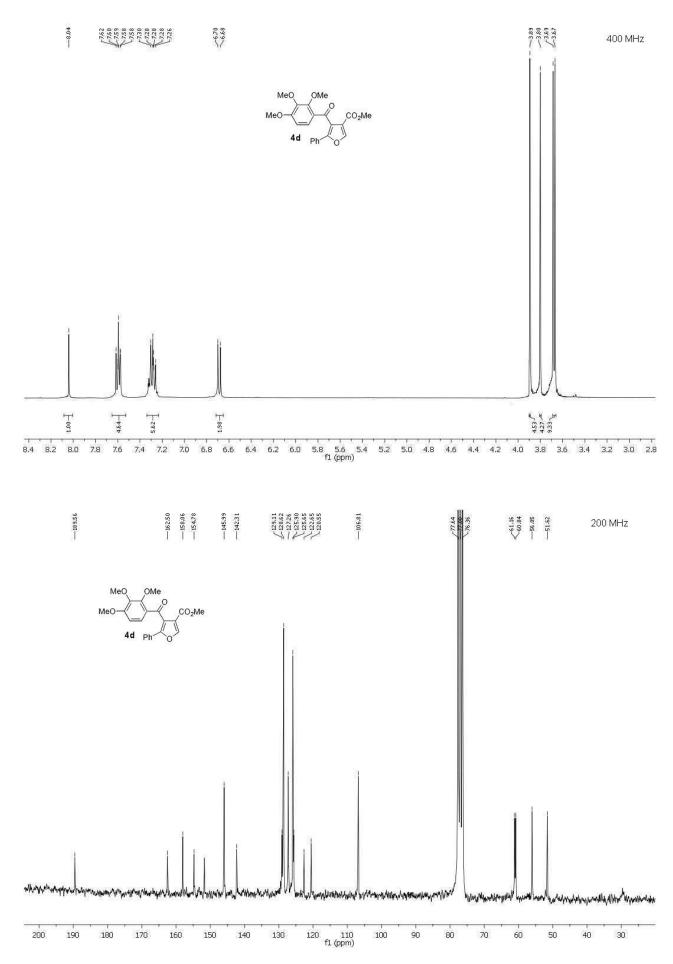


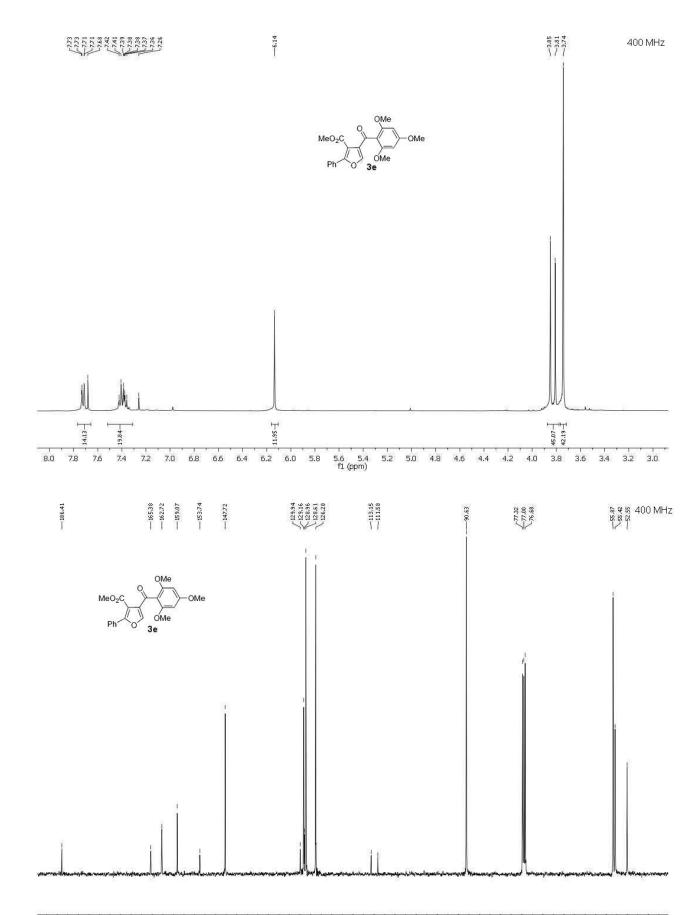




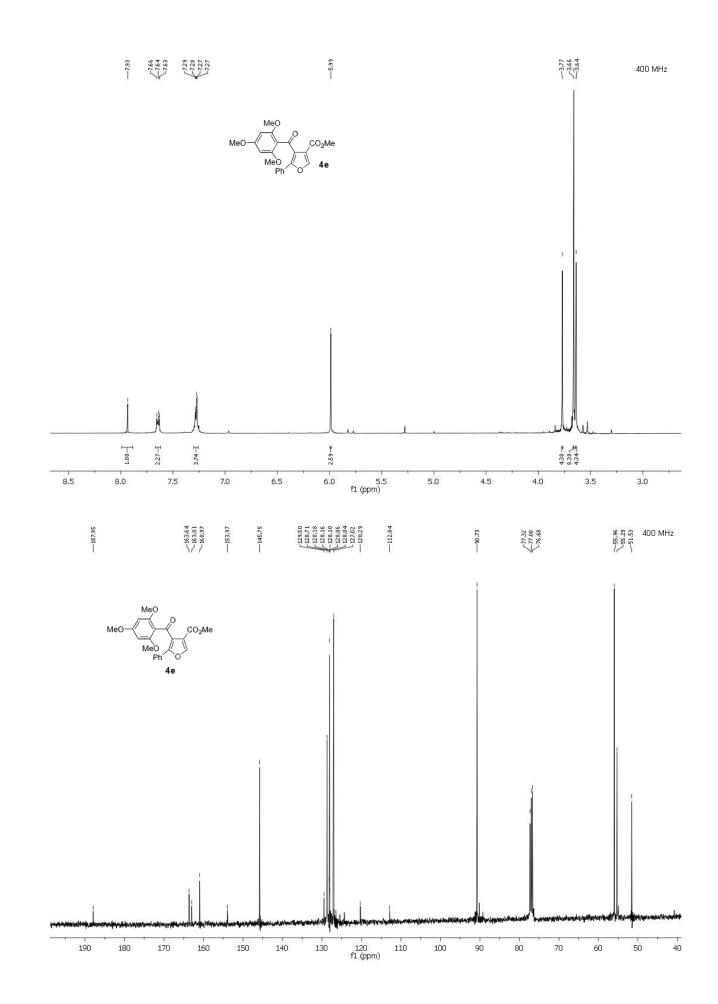


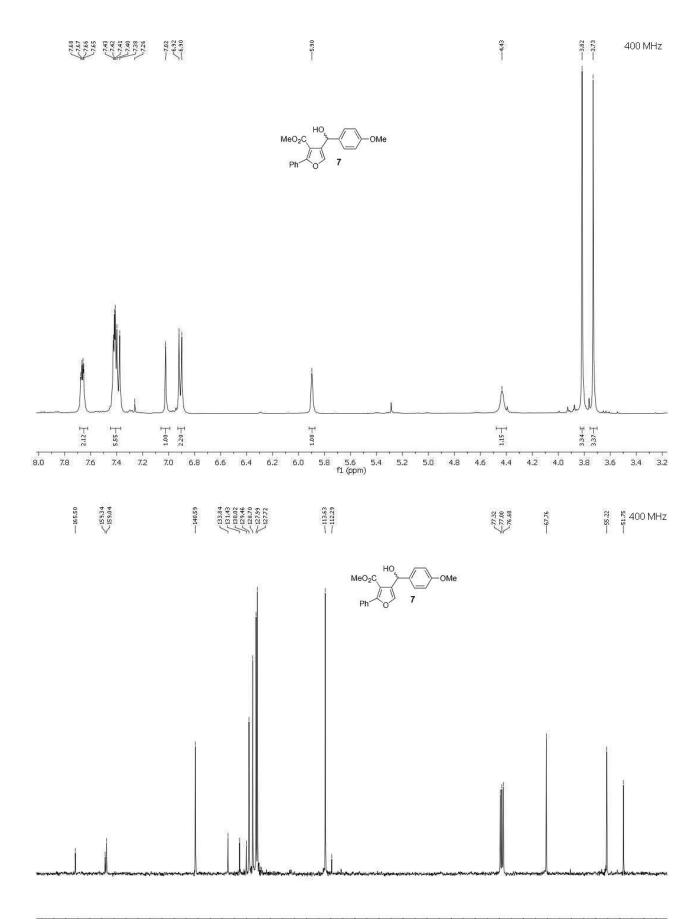




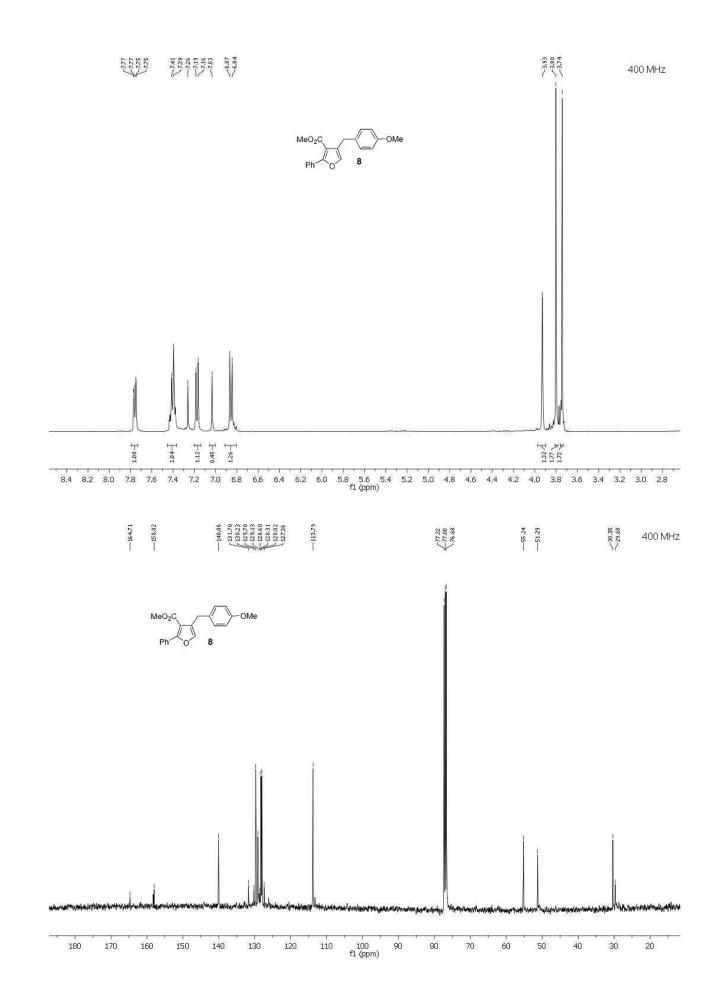


190 185 180 175 170 165 160 155 150 145 140 135 130 125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 fl (ppm)





170 165 160 155 150 145 140 135 130 125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 f1 (ppm)



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