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SUPPLEMENTARY MATERIAL

Use of Ethyl (Benzothiazol-2-ylsulfonyl)acetate for Malonic Ester-Type Syntheses of Carboxylic Acids and Esters[†]

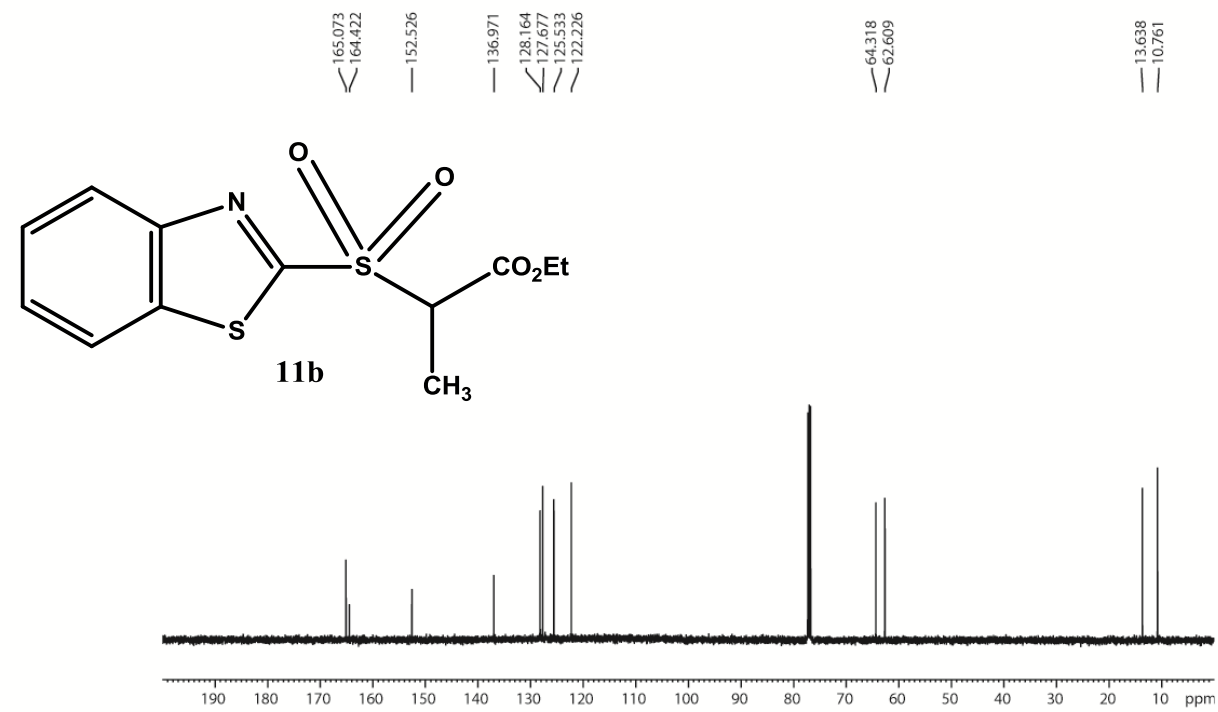
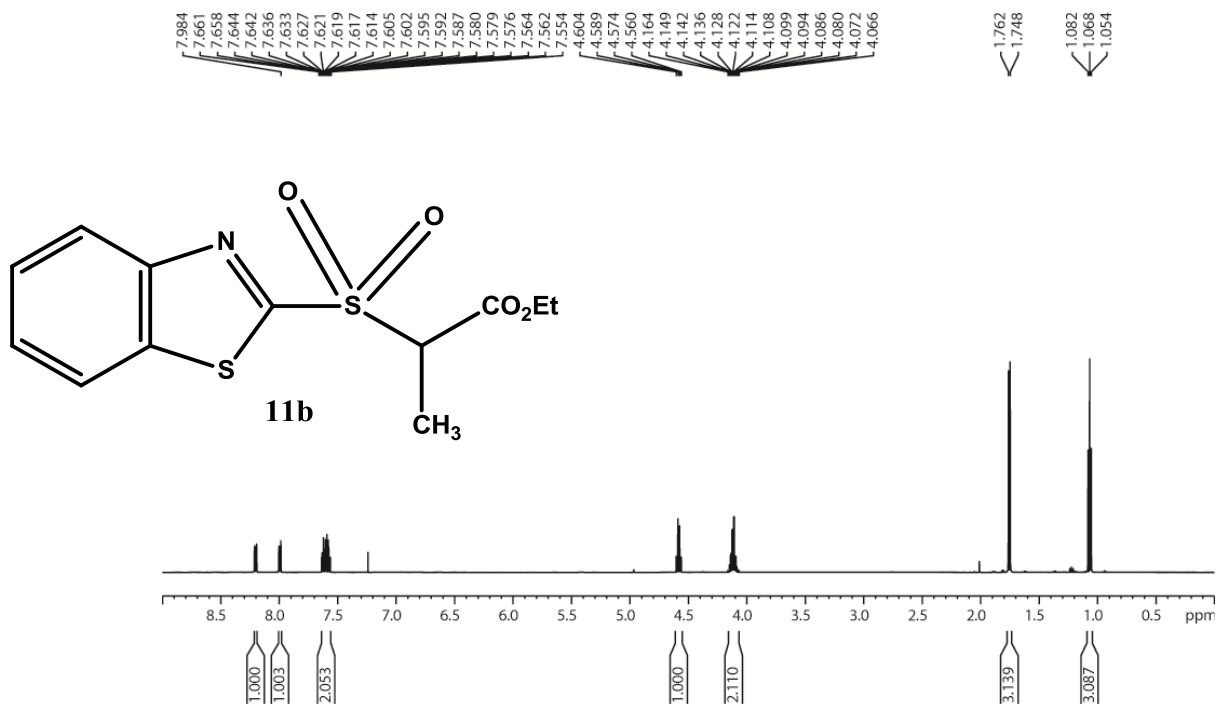
Waleed M. Hussein^{A,B} and Ross P. McGeary^{A,C}

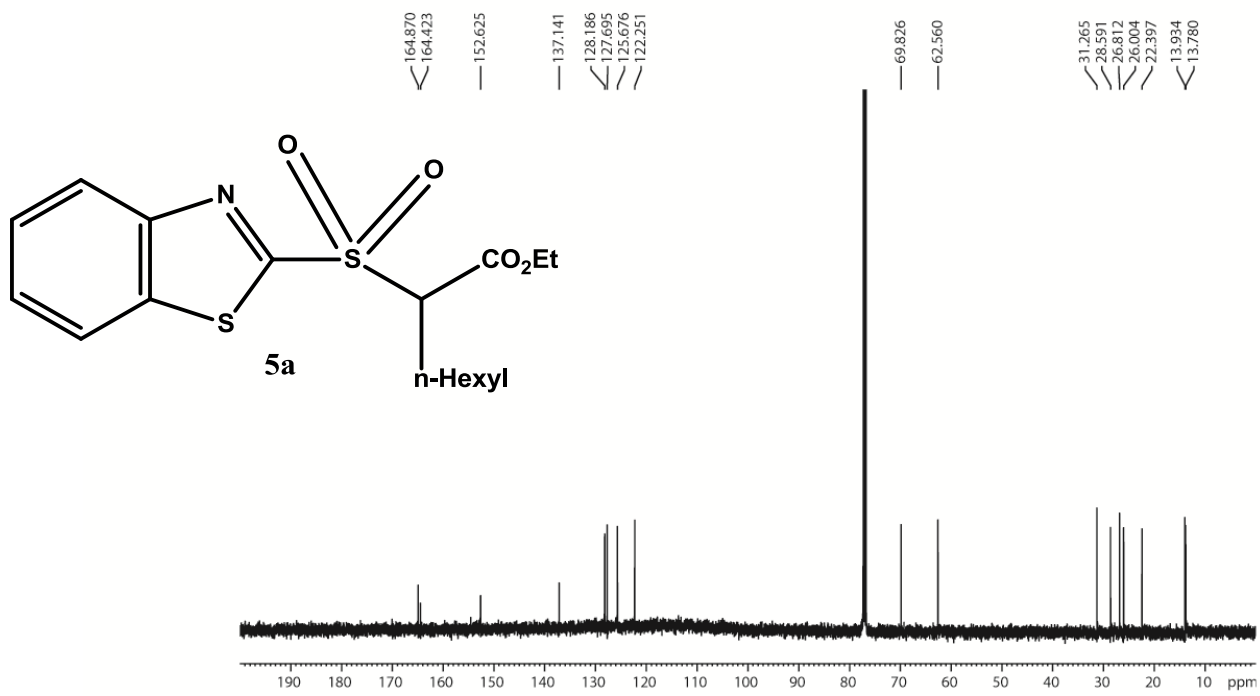
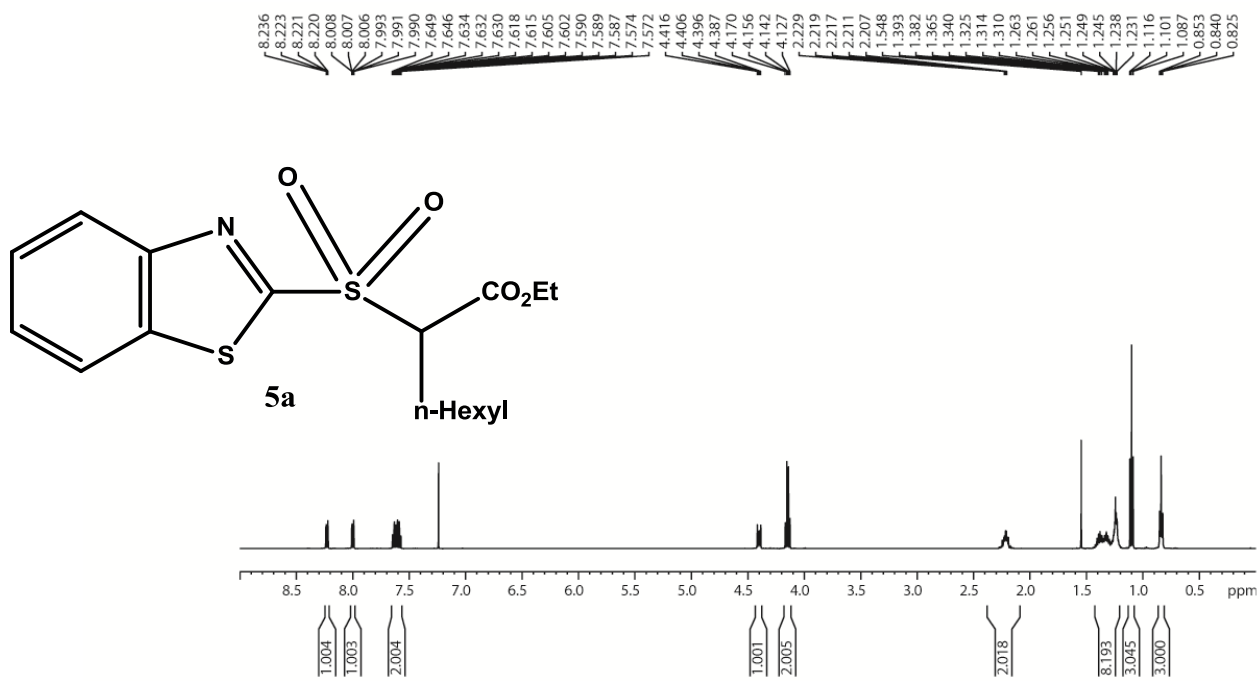
^AThe University of Queensland, School of Chemistry and Molecular Biosciences, Brisbane, Qld 4072, Australia.

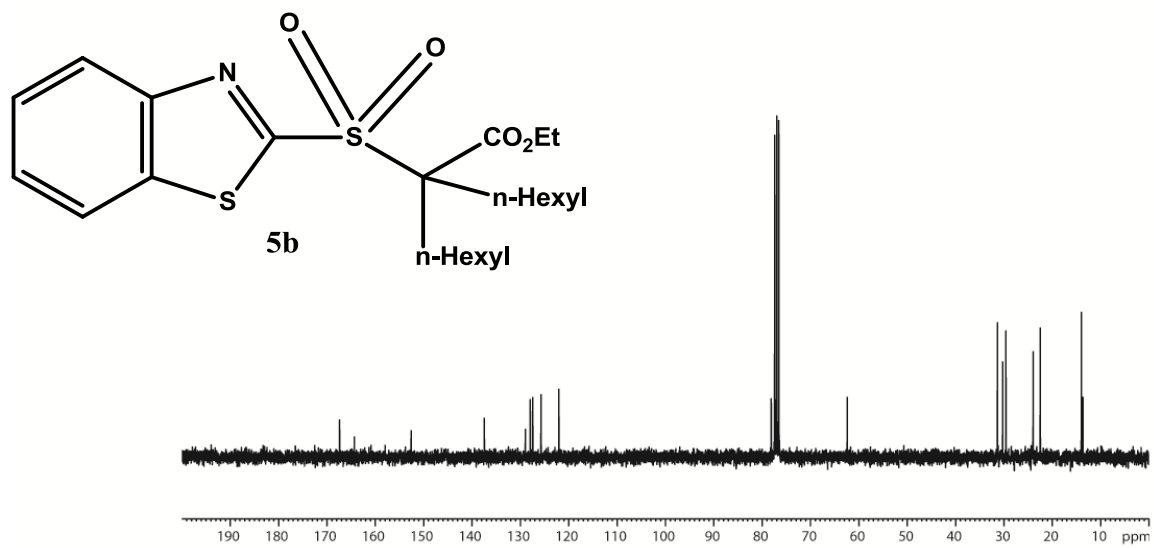
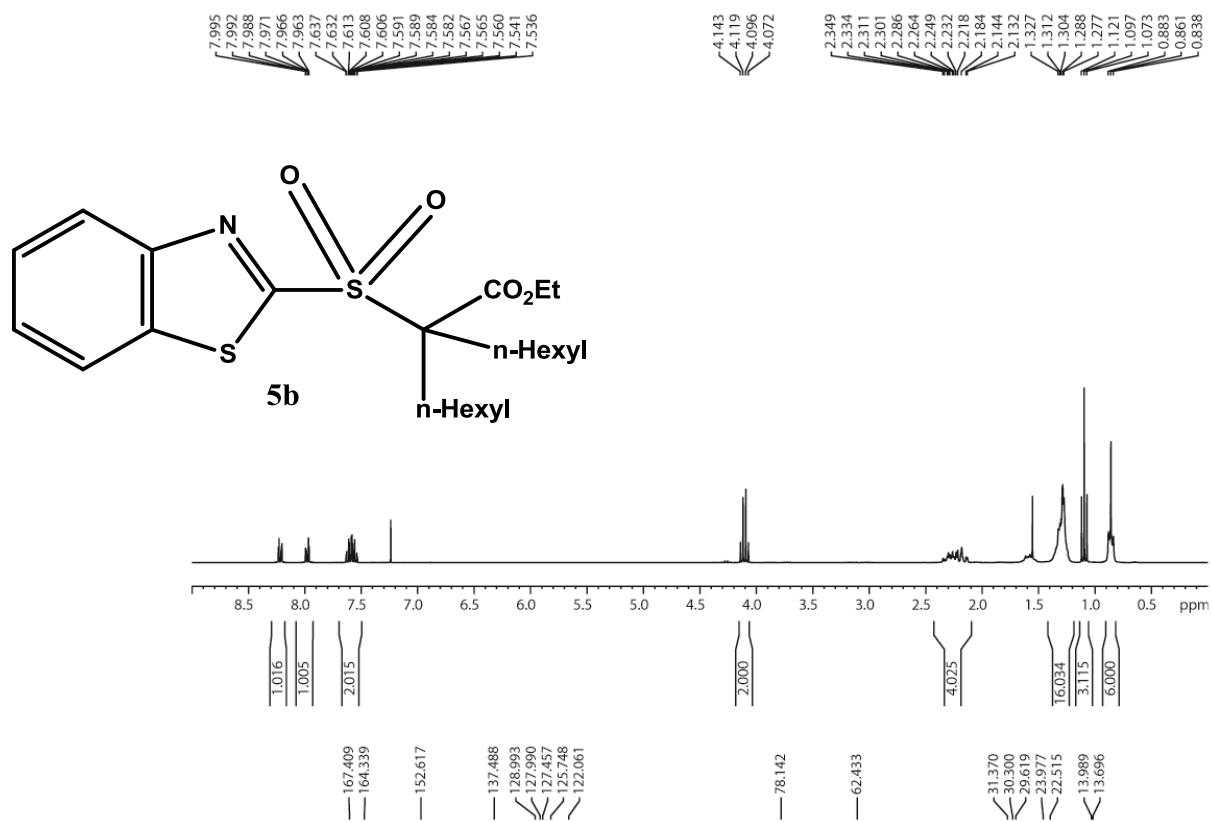
^BHelwan University, Pharmaceutical Organic Chemistry Department, Faculty of Pharmacy, Ein Helwan, Helwan, Egypt.

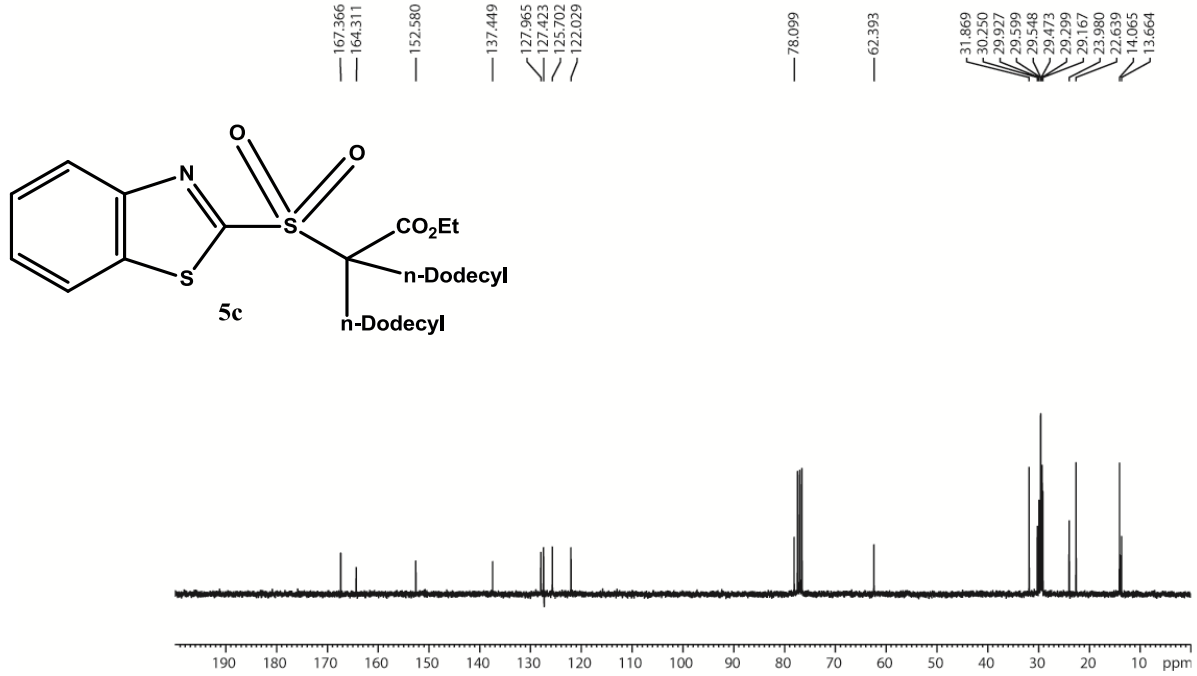
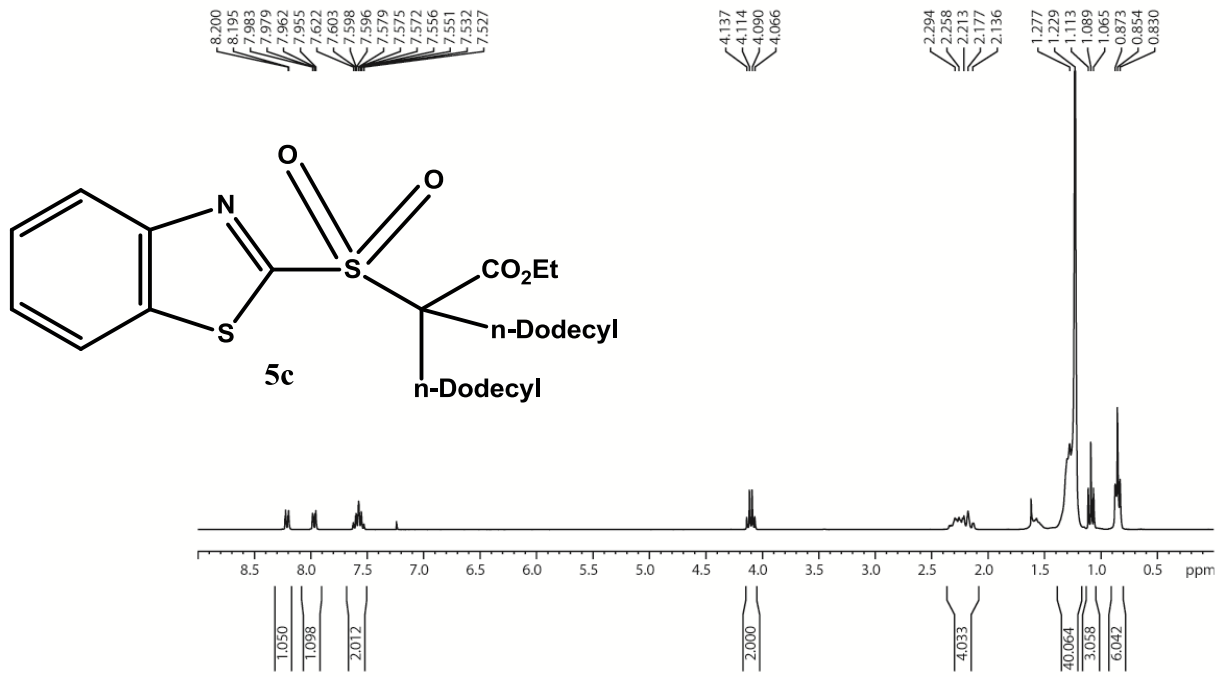
^CCorresponding author. Email: r.mcgeary@uq.edu.au

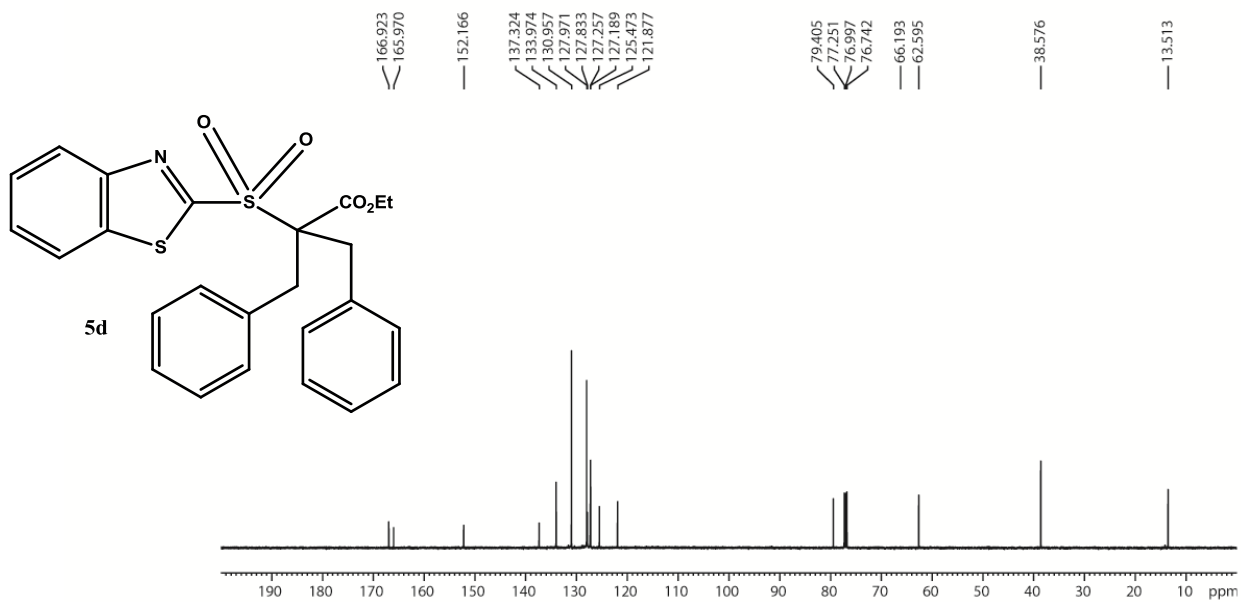
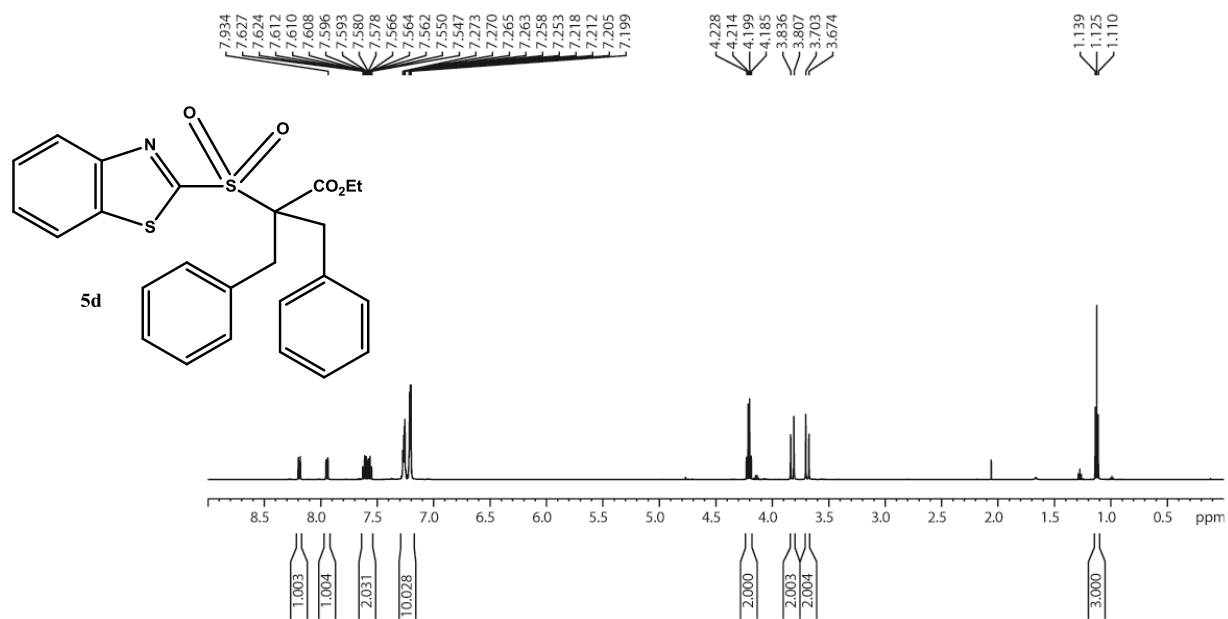
[†] Dedicated to the memory of Roger F. C. Brown (1931 – 2013), PhD supervisor of RPM.

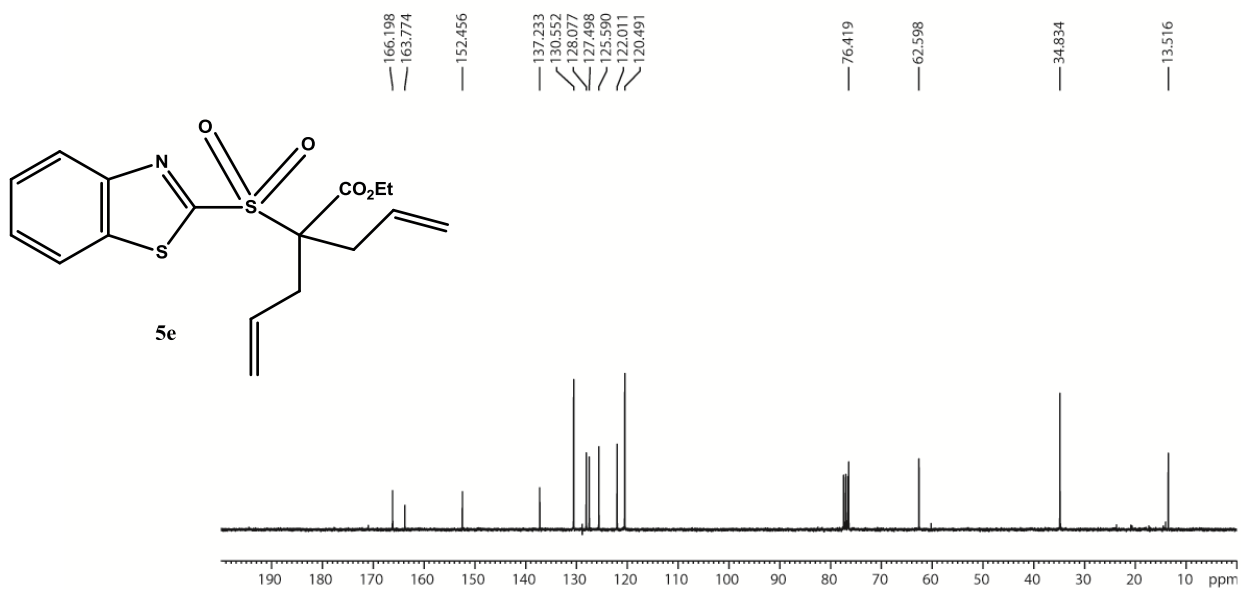
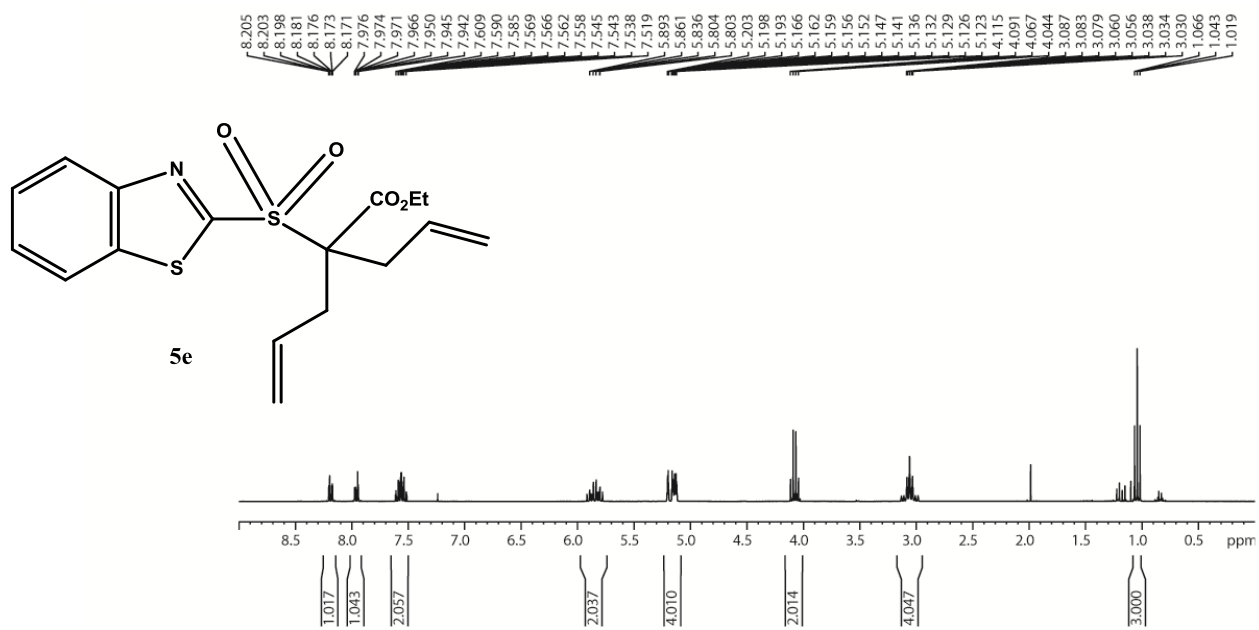


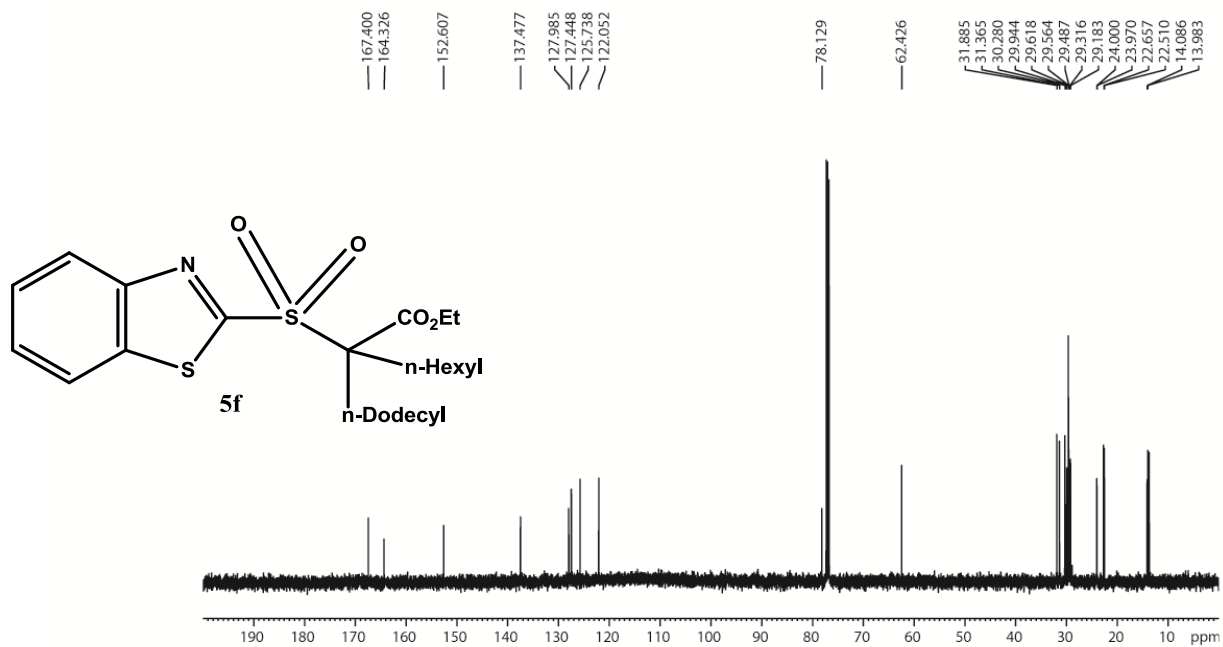
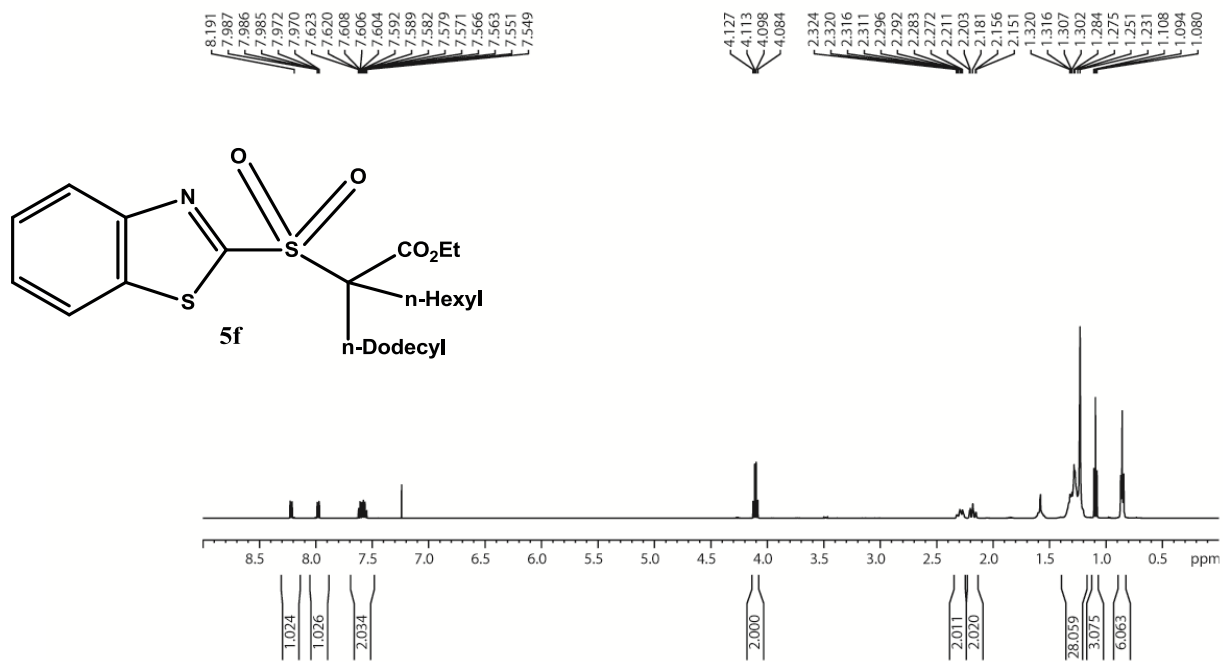


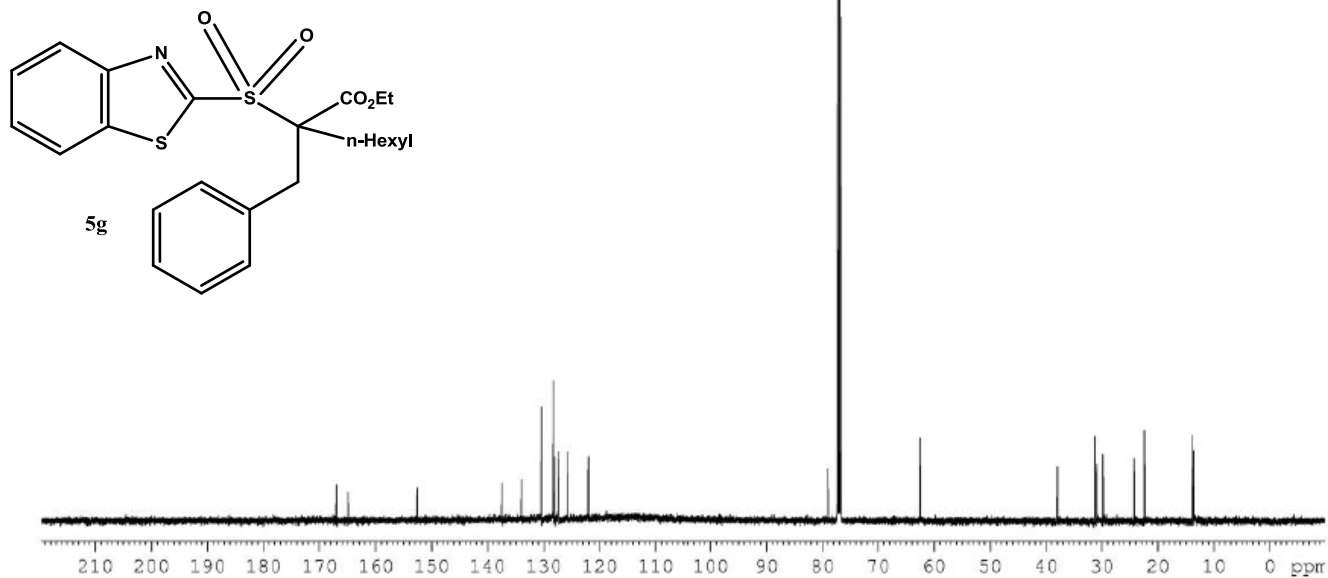
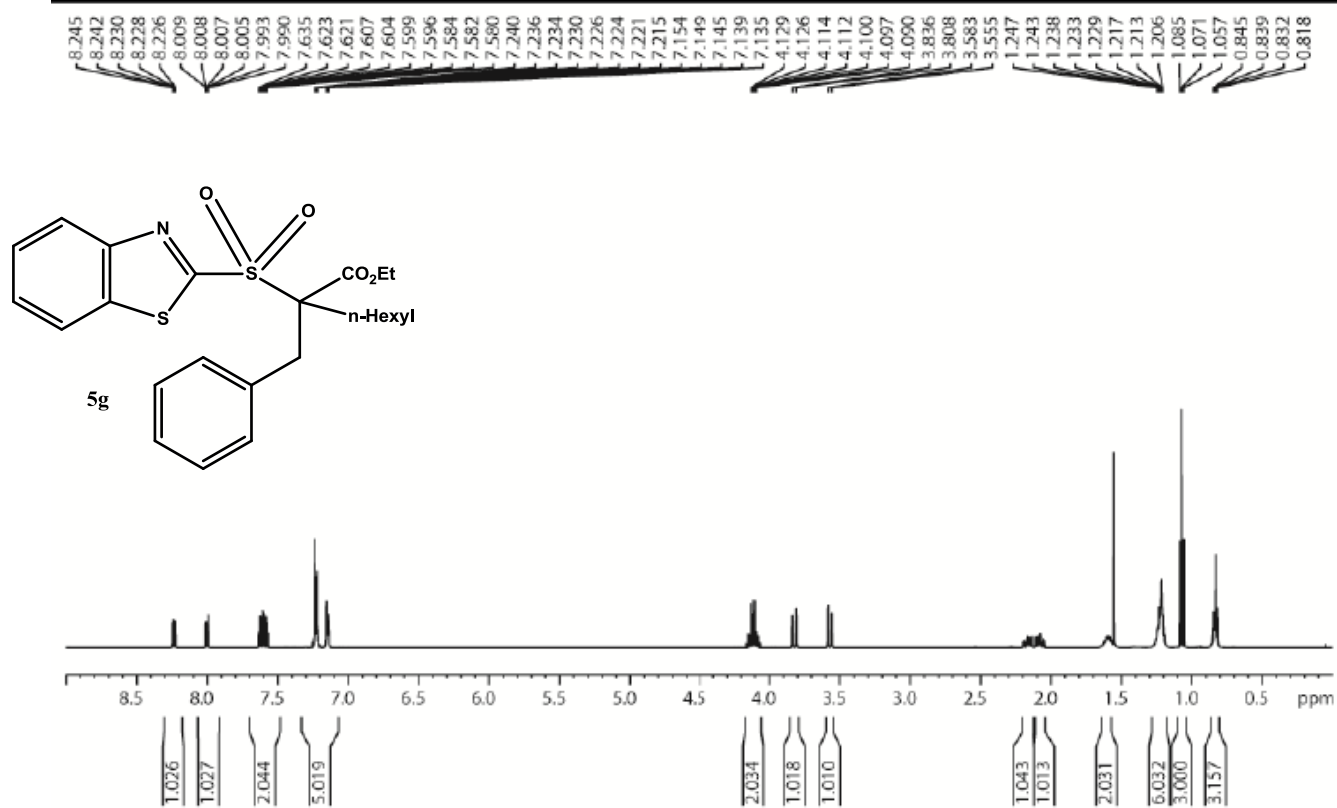


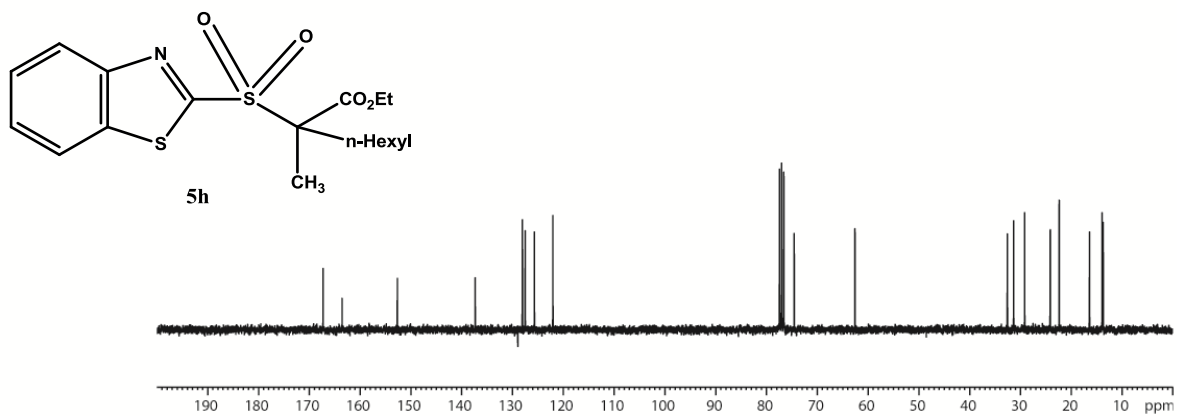
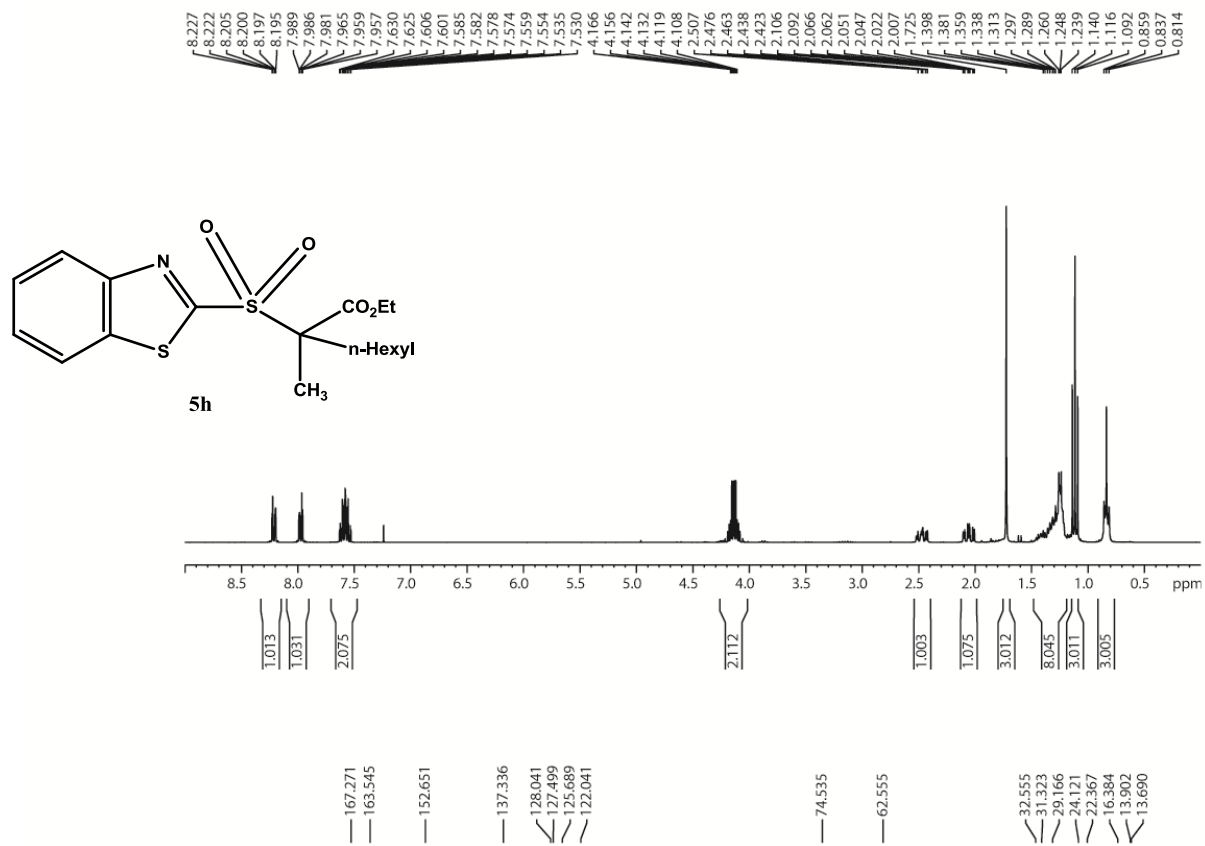


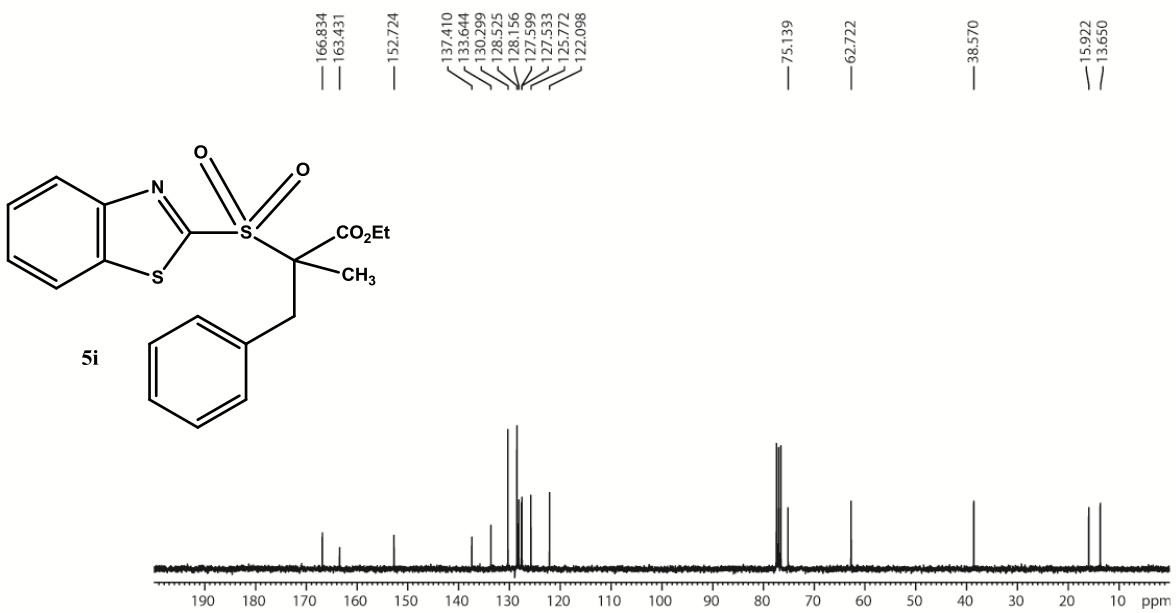
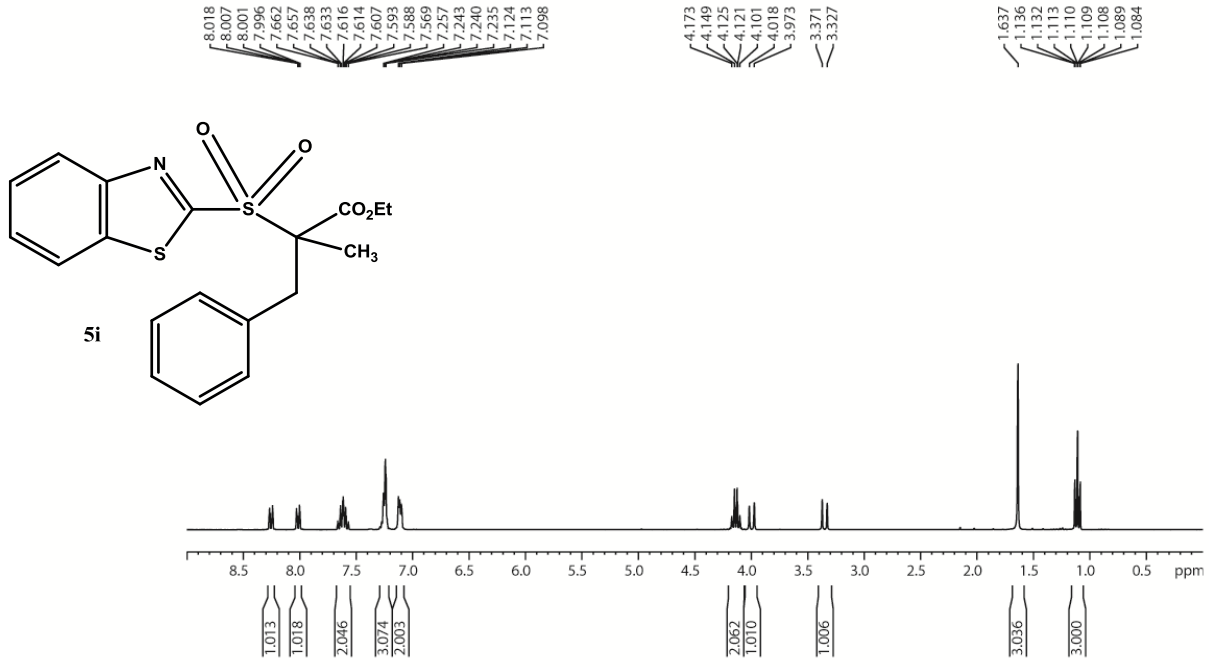




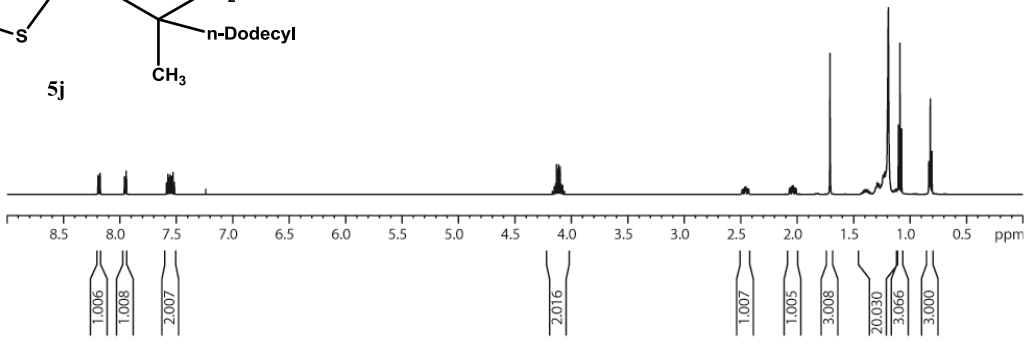
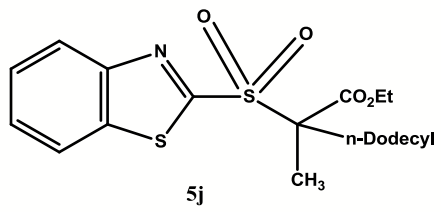








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