

Synthesis and biological evaluation of new bis-indolinone derivatives endowed with cytotoxic activity

Rita Morigi ^{1,†}, Elena Catanzaro ^{2,†}, Alessandra Locatelli ^{1,*}, Cinzia Calcabrini ², Valentina Pellicioni ², Alberto Leoni ¹ and Carmela Fimognari ²

¹ Department of Pharmacy and Biotechnology, Alma Mater Studiorum–University of Bologna, Via Belmeloro 6, 40126 Bologna, Italy; rita.morigi@unibo.it (R.M.); alberto.leoni@unibo.it (A.L.)

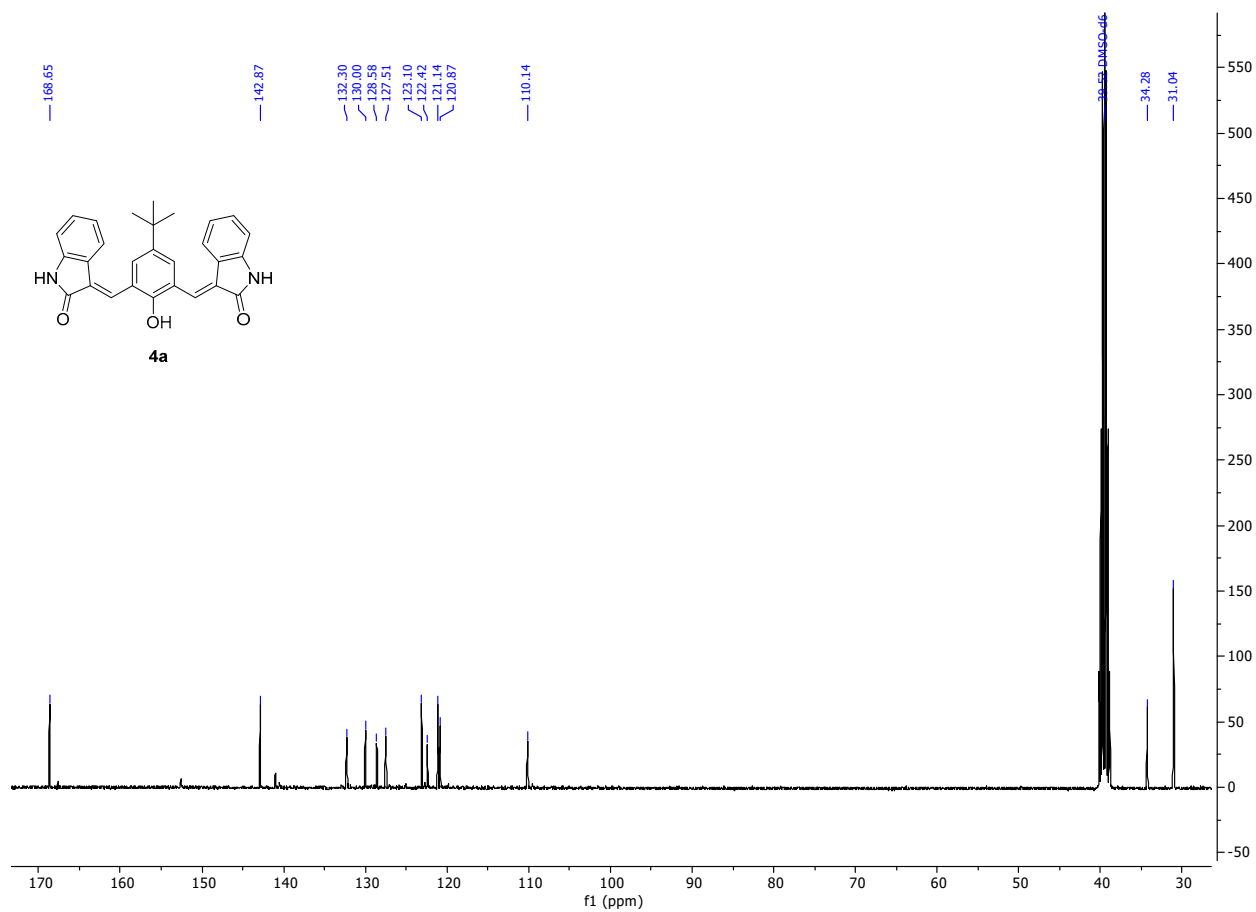
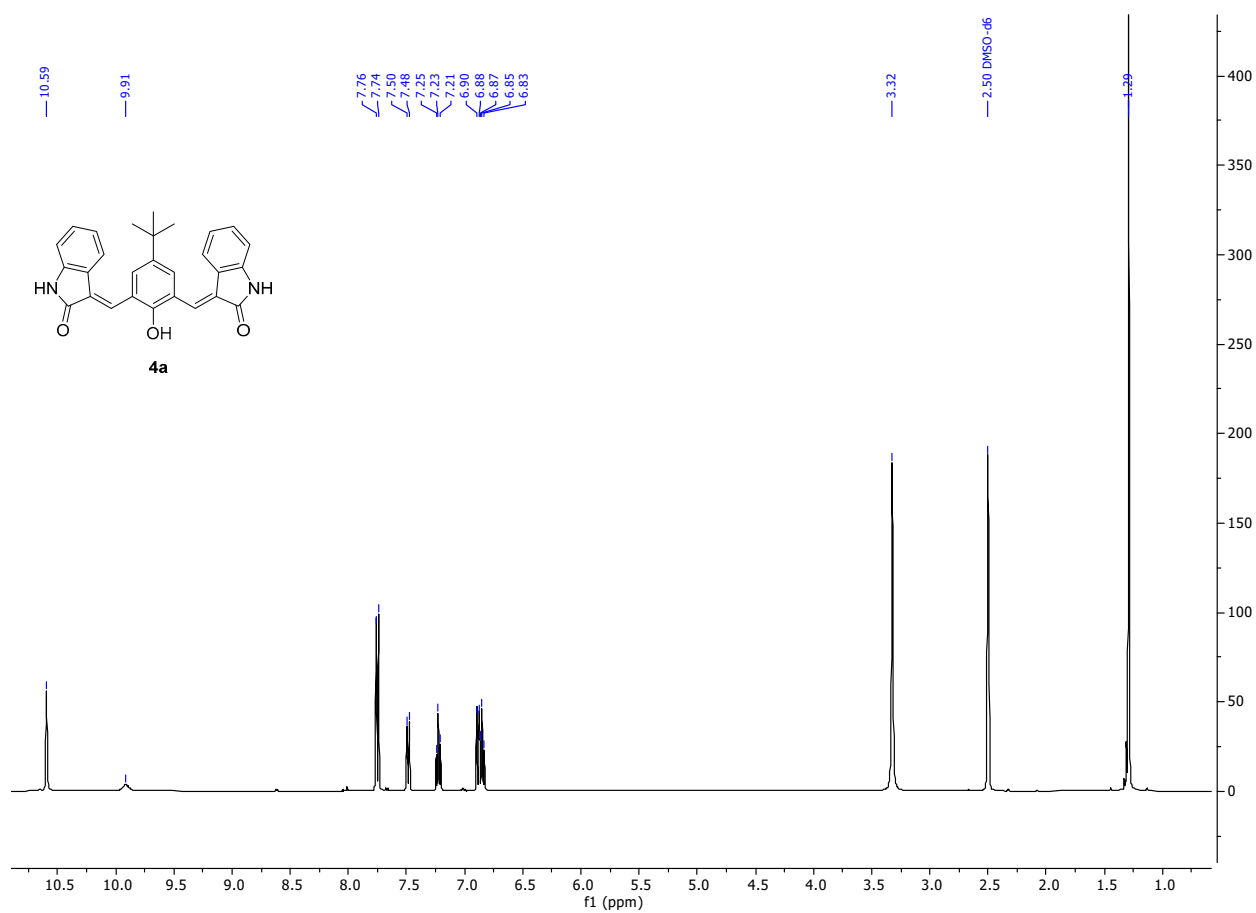
² Department for Life Quality Studies, Alma Mater Studiorum–University of Bologna, Corso d’Augusto 237, 47921 Rimini, Italy; elena.catanzaro2@unibo.it (E.C.); ccalcabrini@hotmail.com (C.C.); valentina.pellicioni2@unibo.it (V.P.); carmela.fimognari@unibo.it (C.F.)

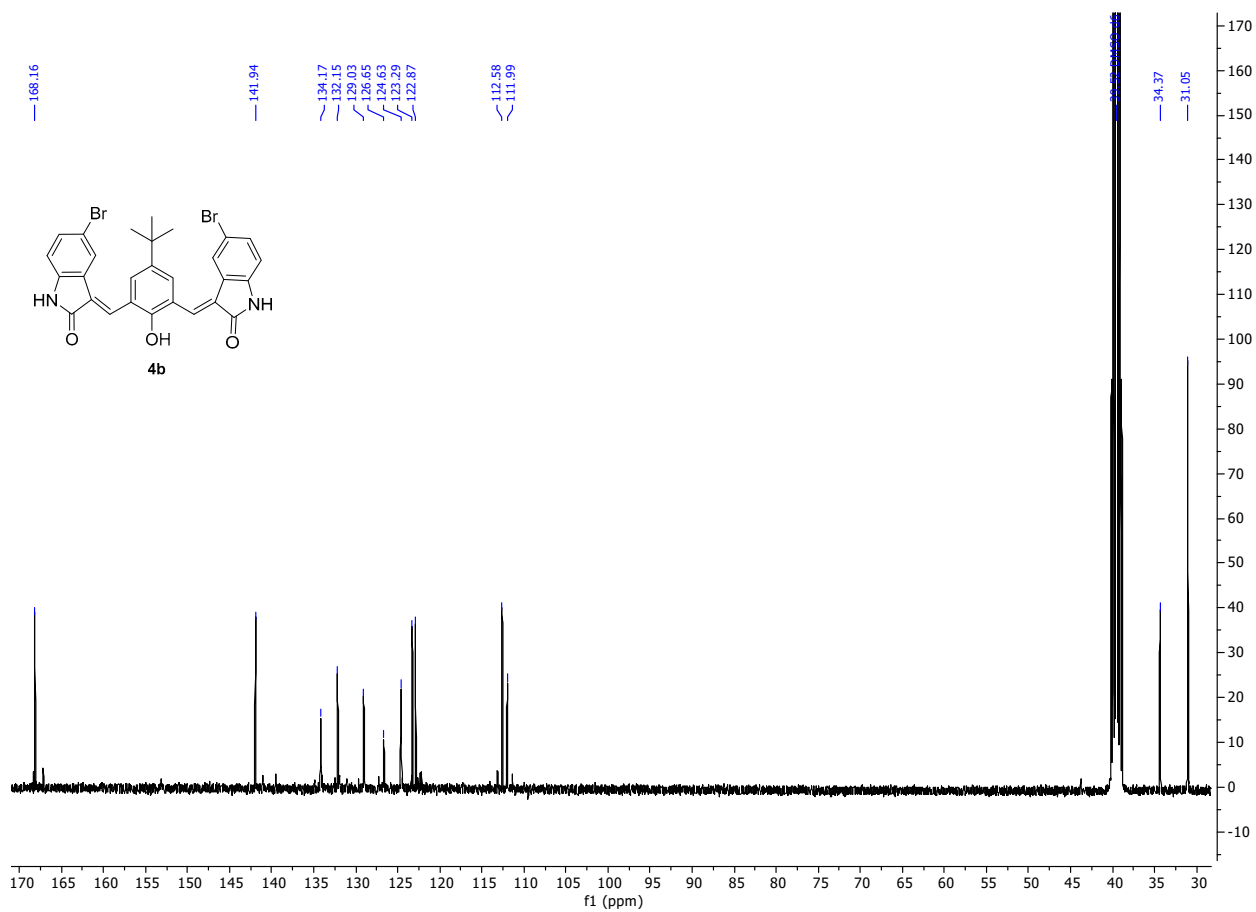
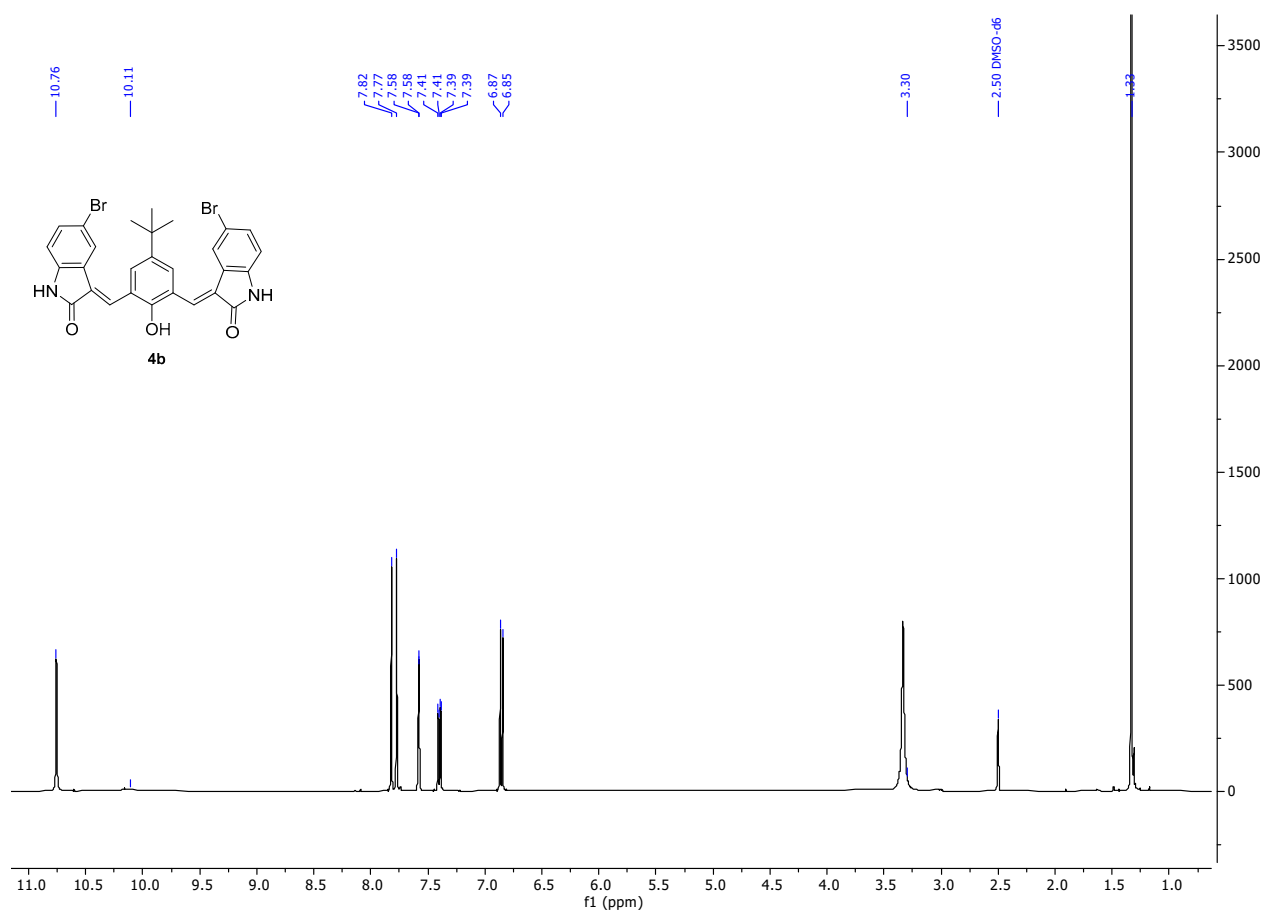
* Correspondence: alessandra.locatelli@unibo.it; Tel.: +39-0512099712

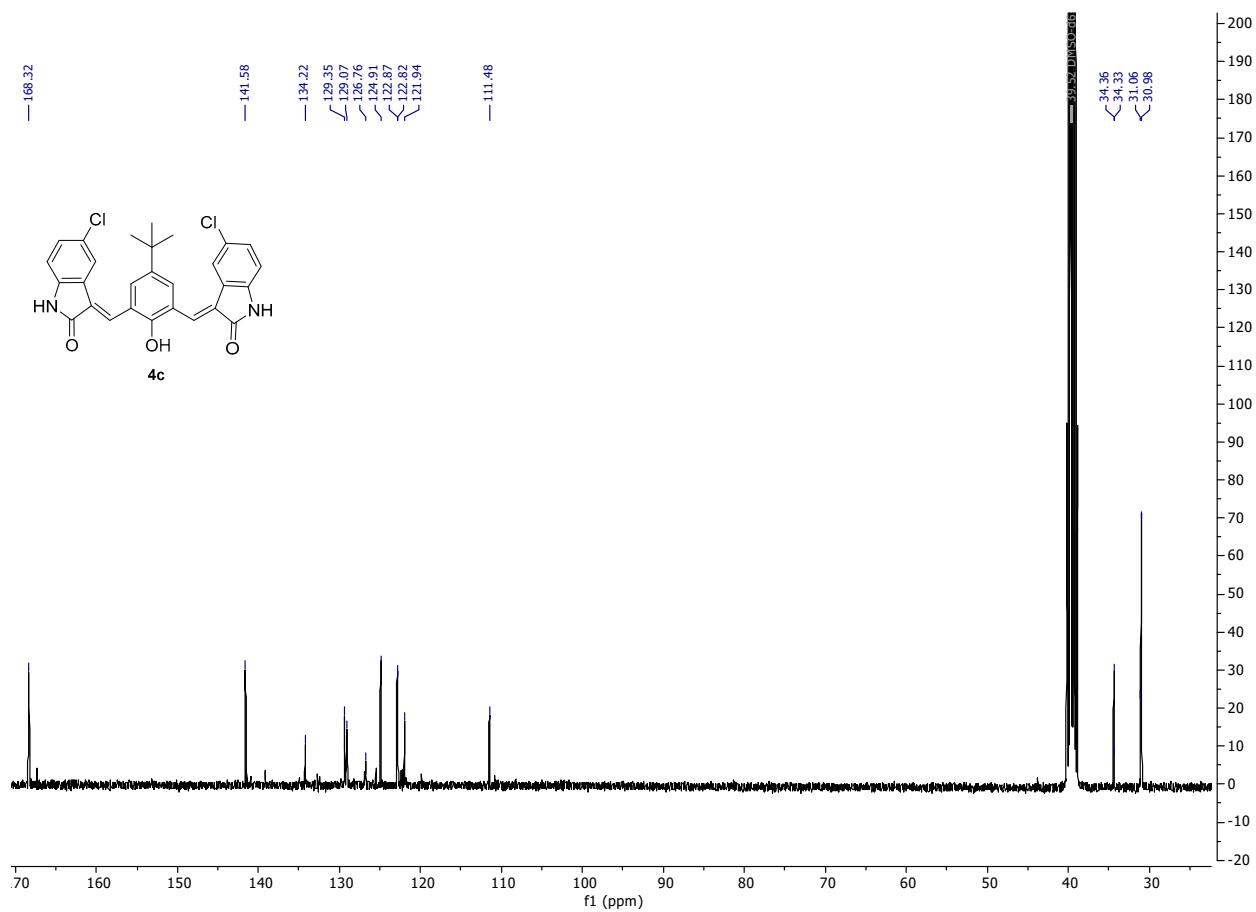
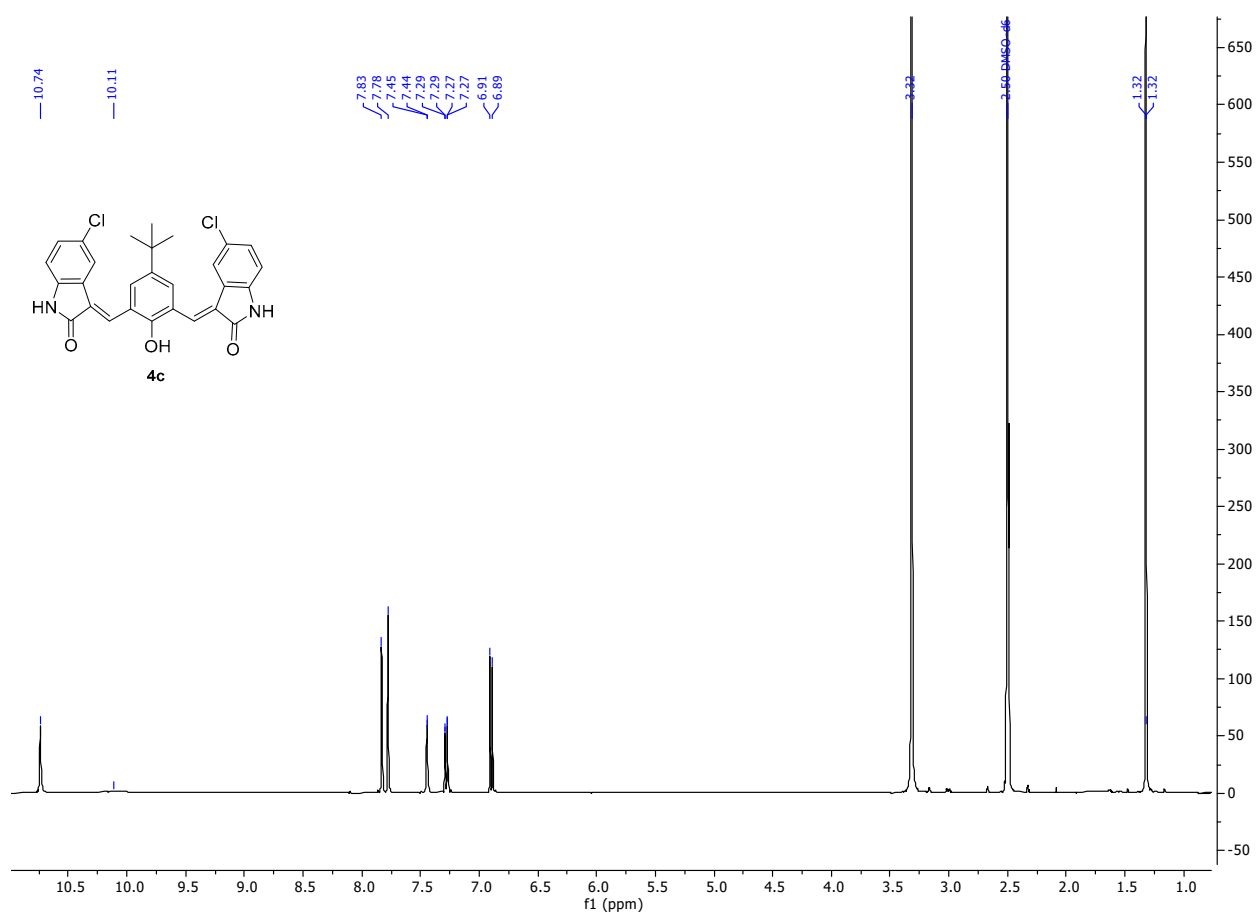
† These authors contributed equally to this work

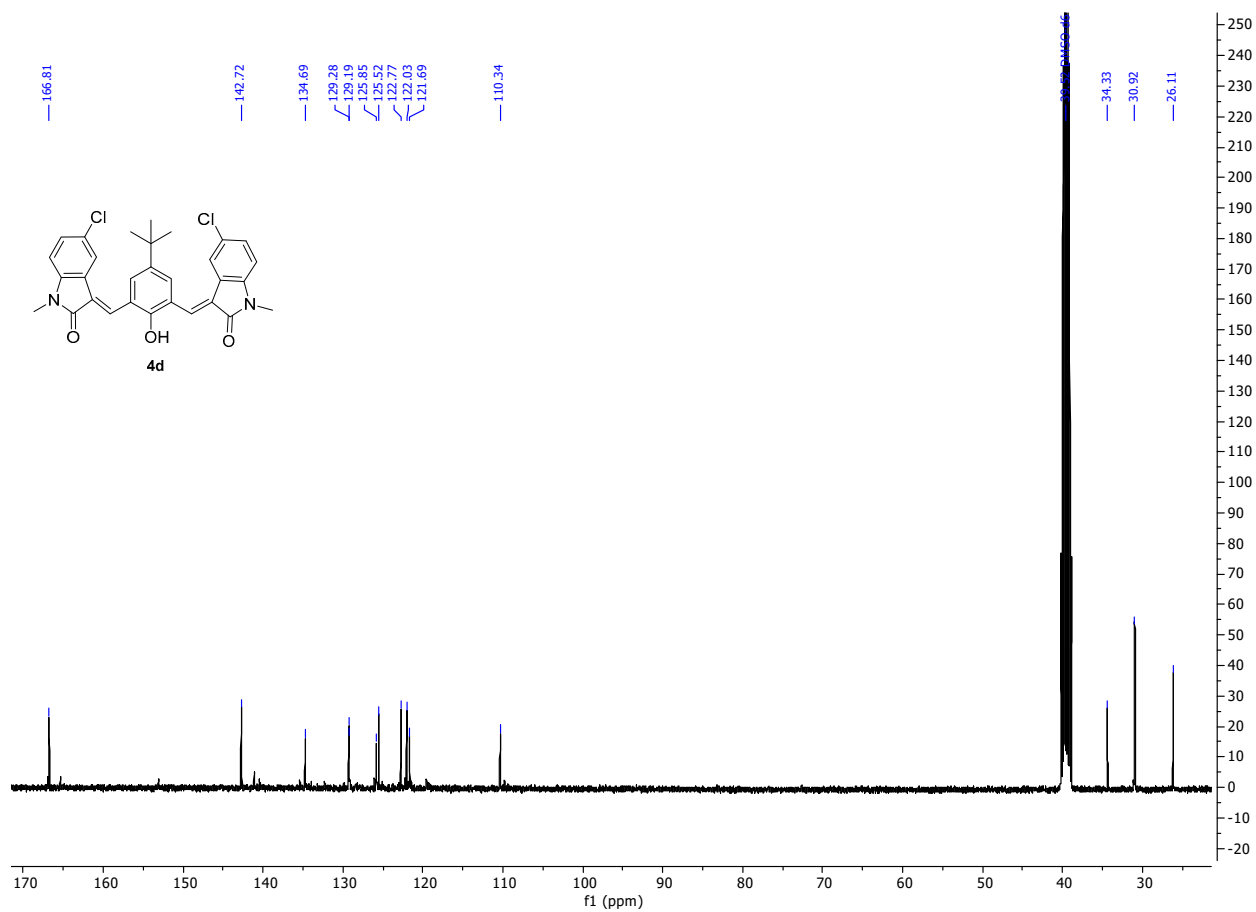
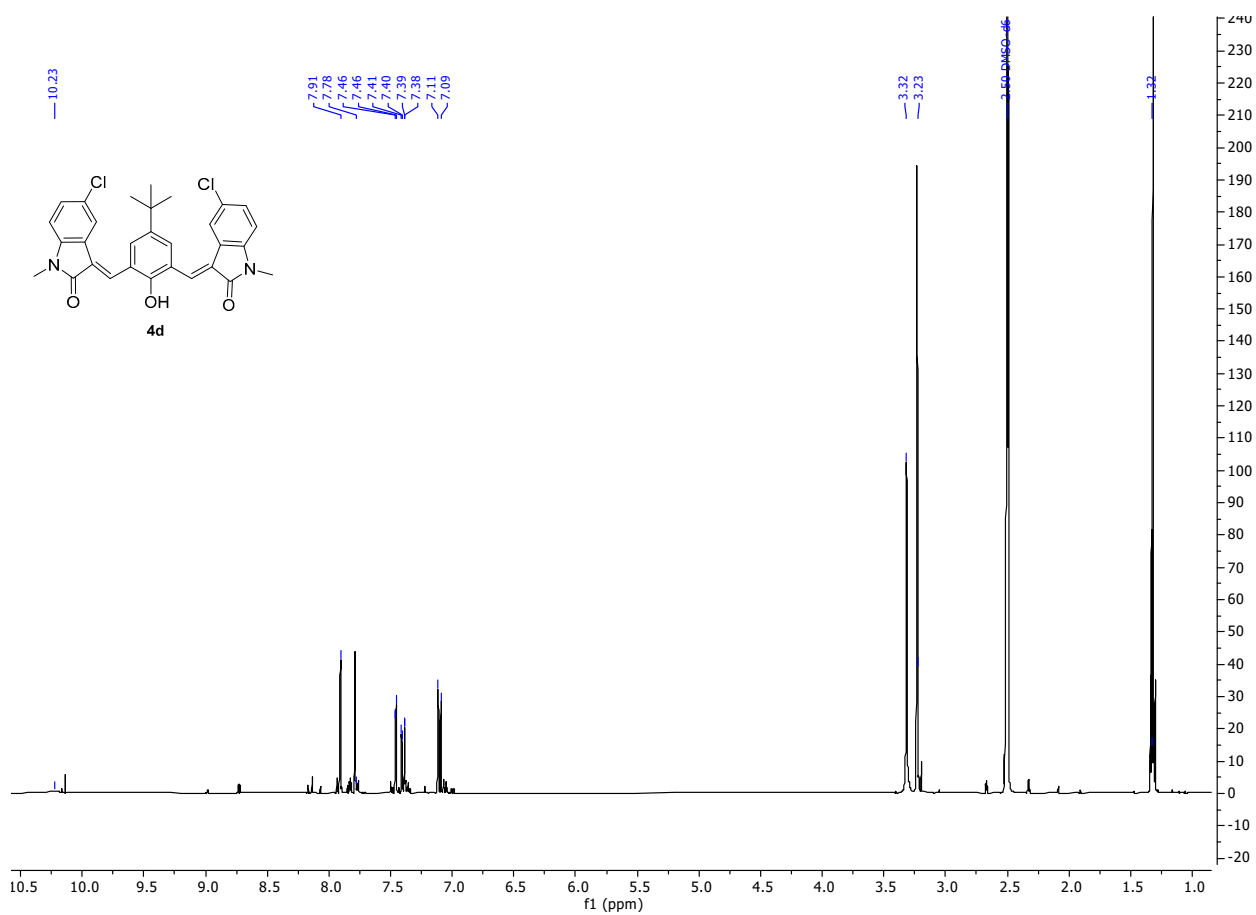
Contents:

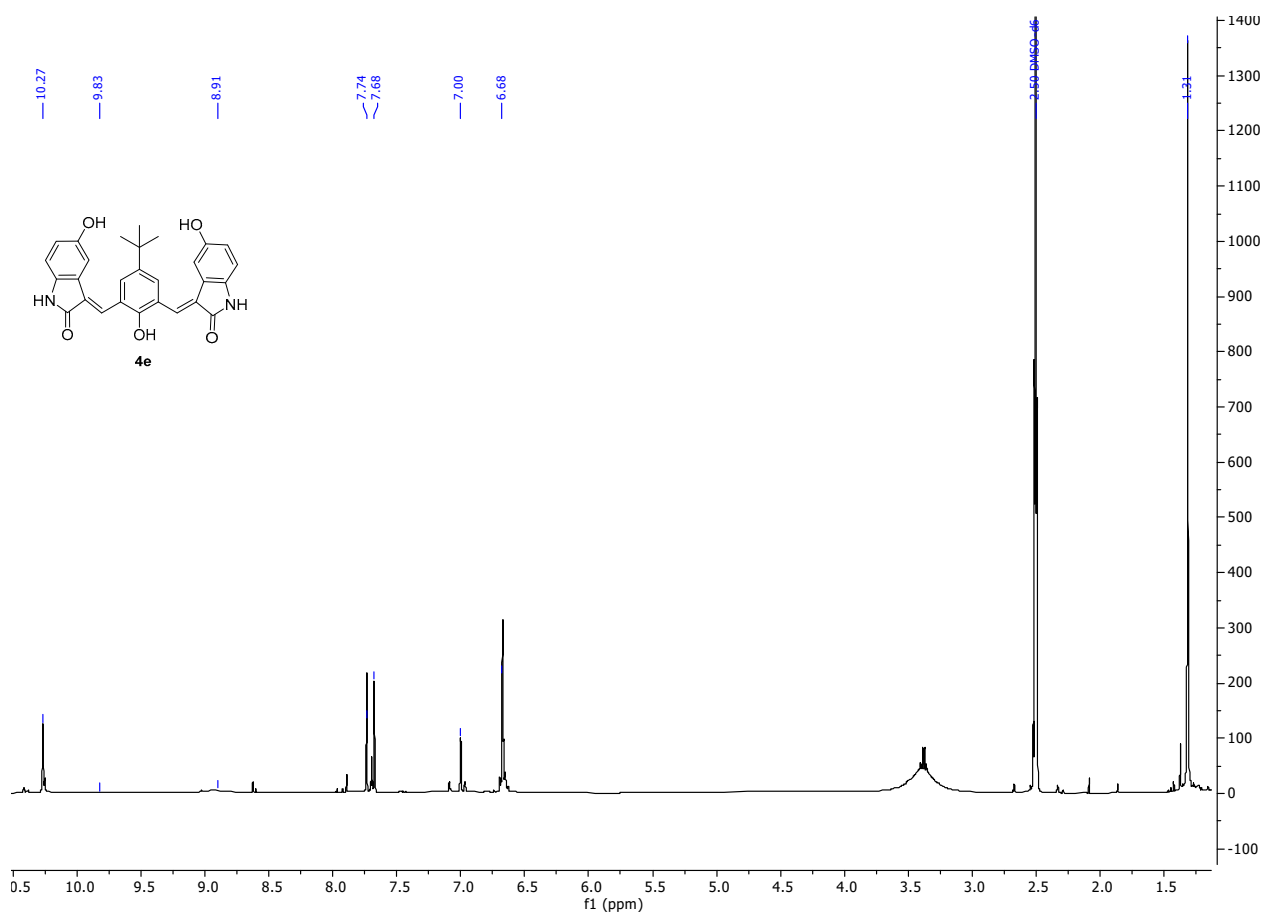
¹ H NMR and ¹³ C NMR spectra.....	pag. 2-15
HRMS spectra.....	pag. 16-20

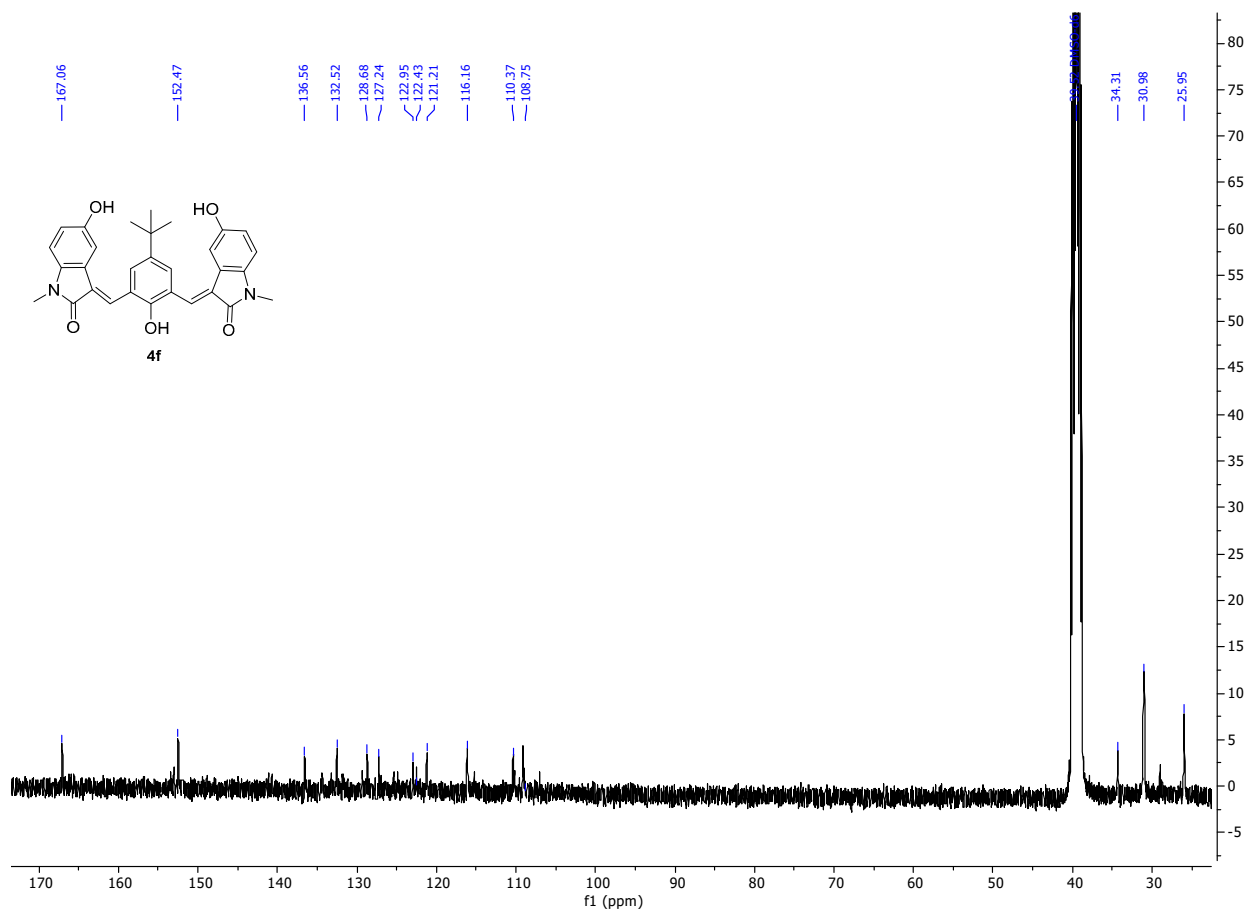
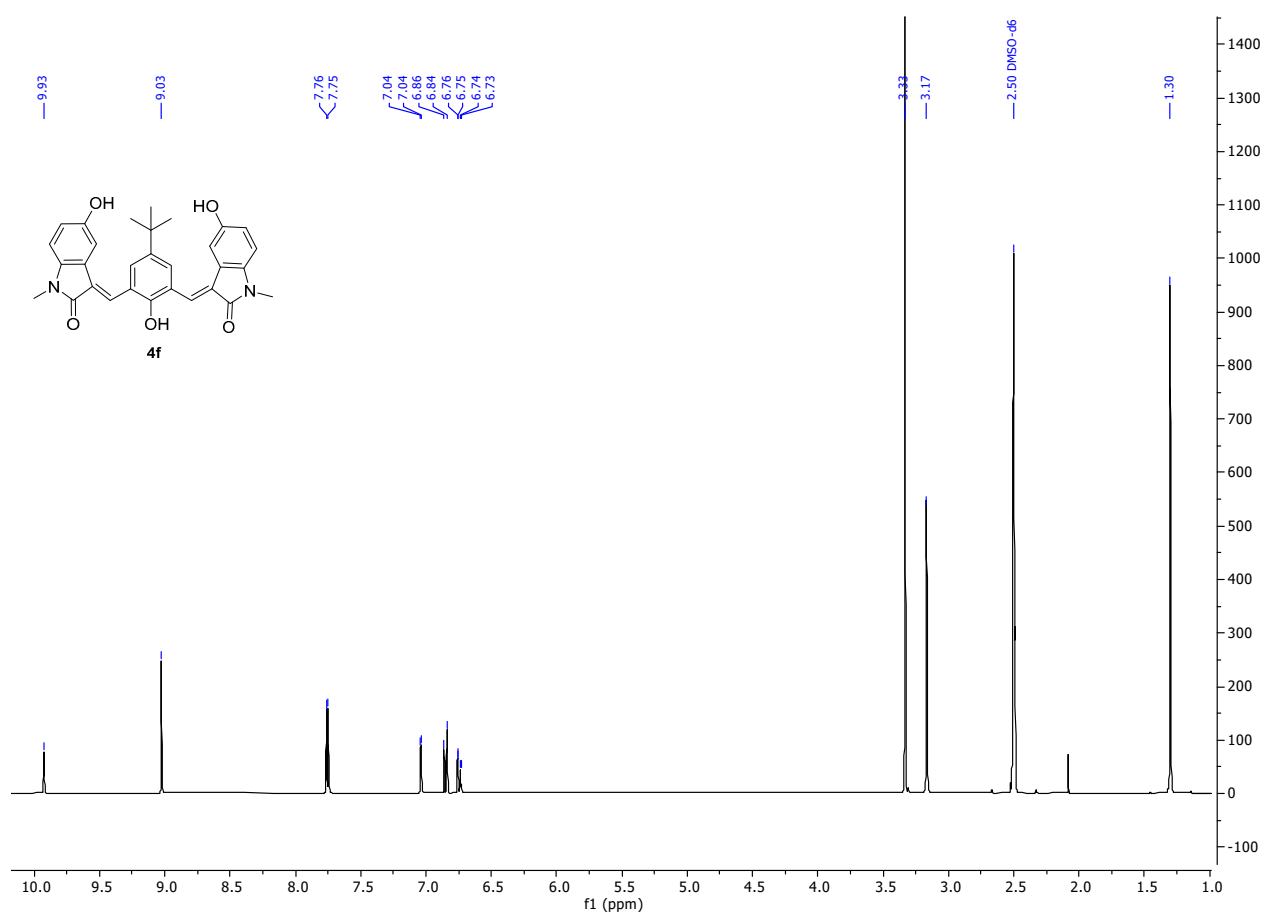


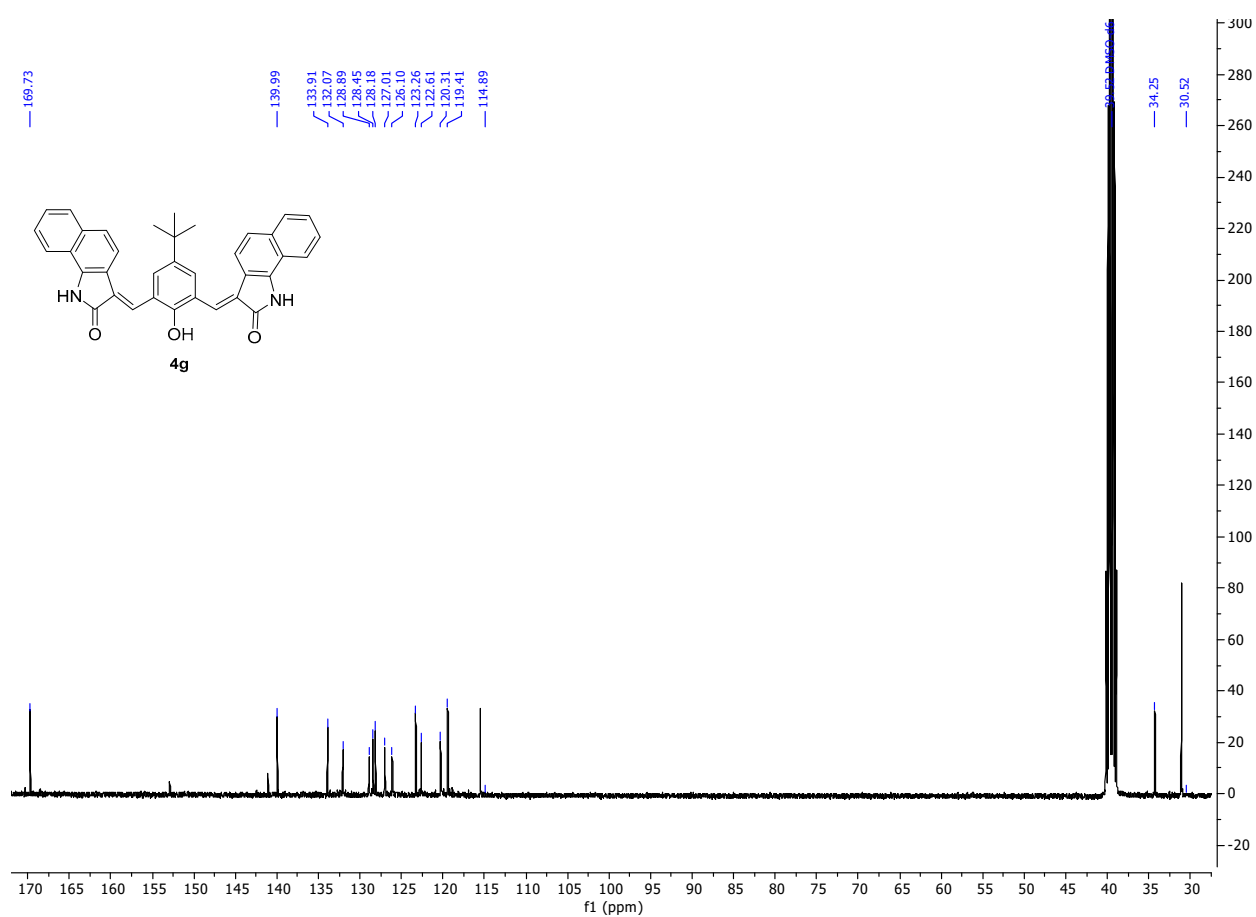
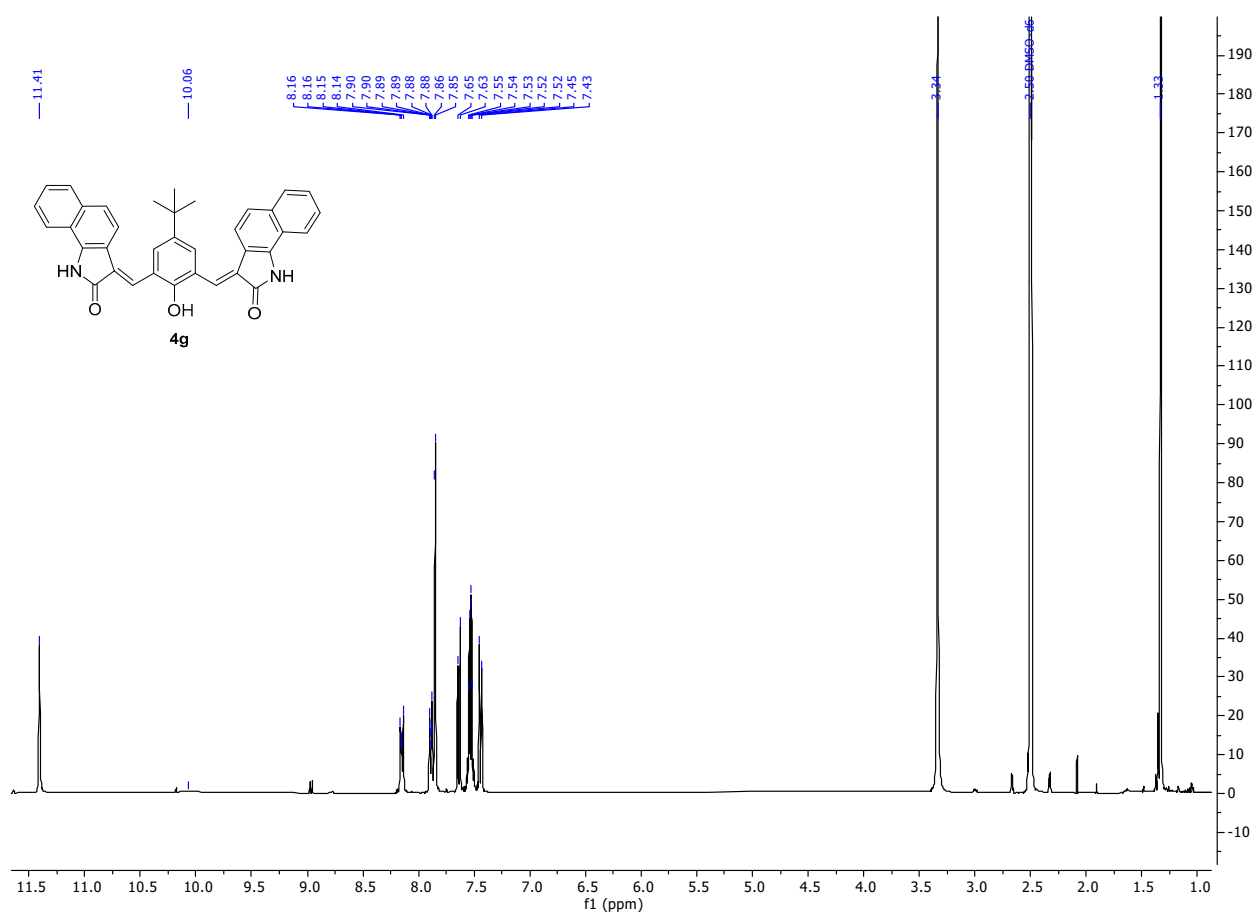


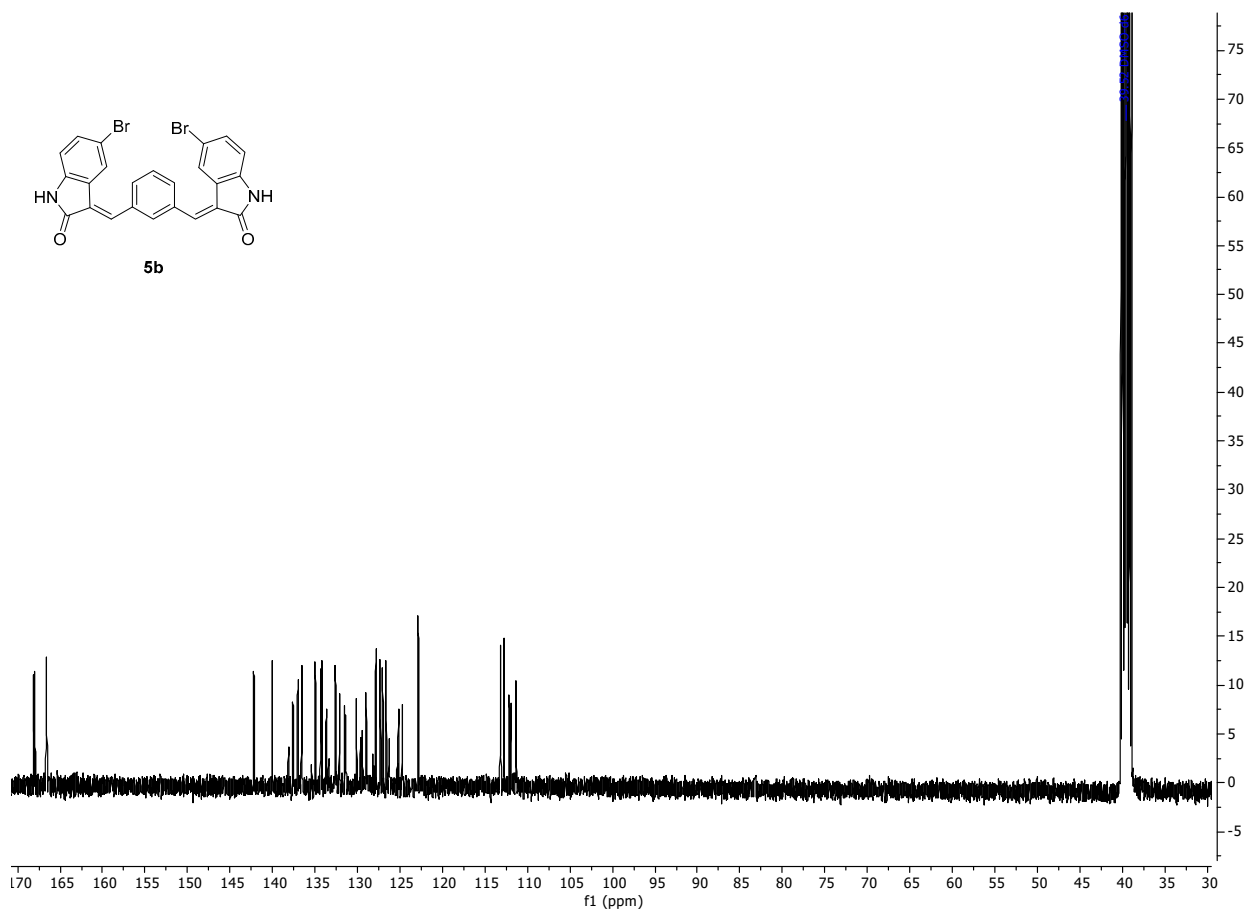
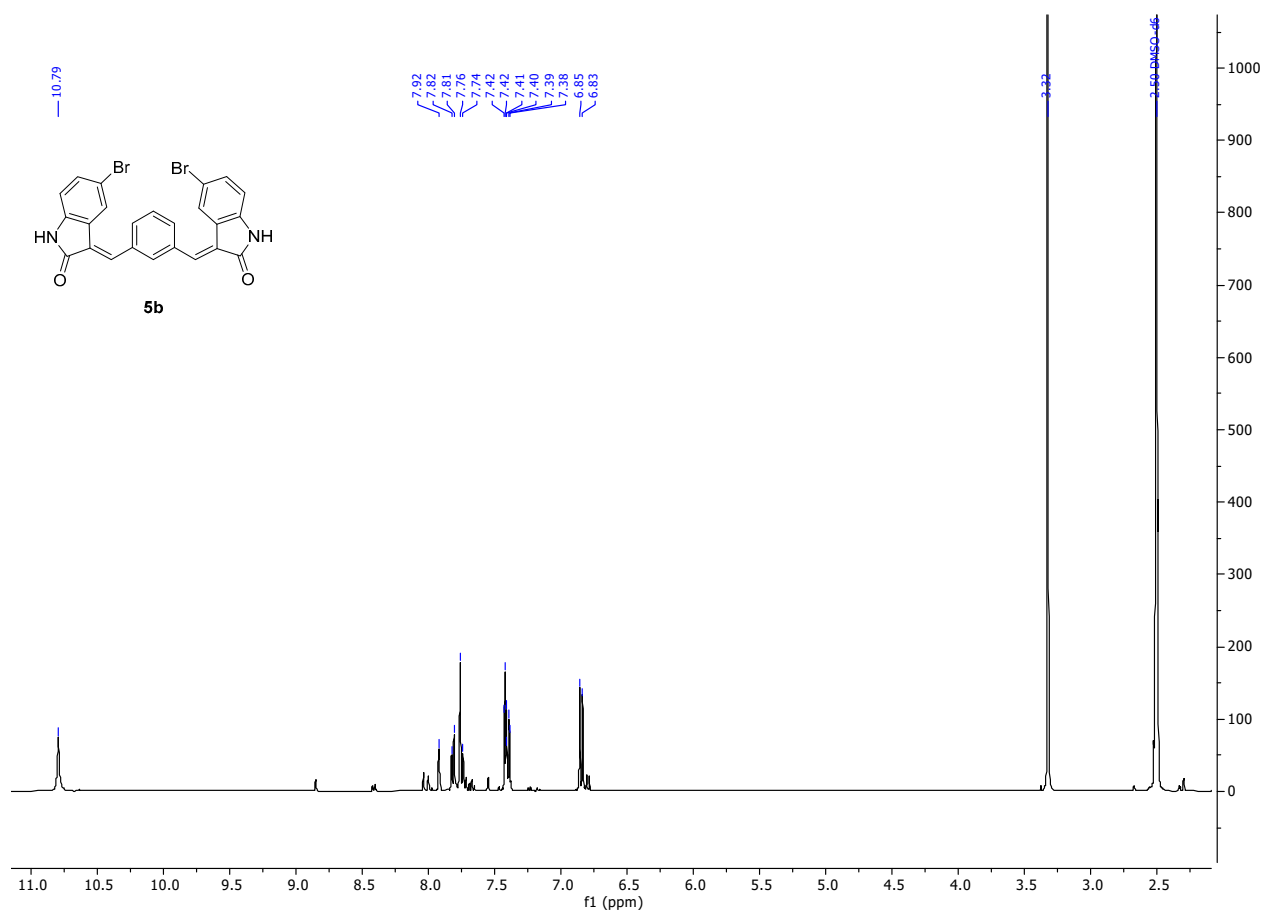


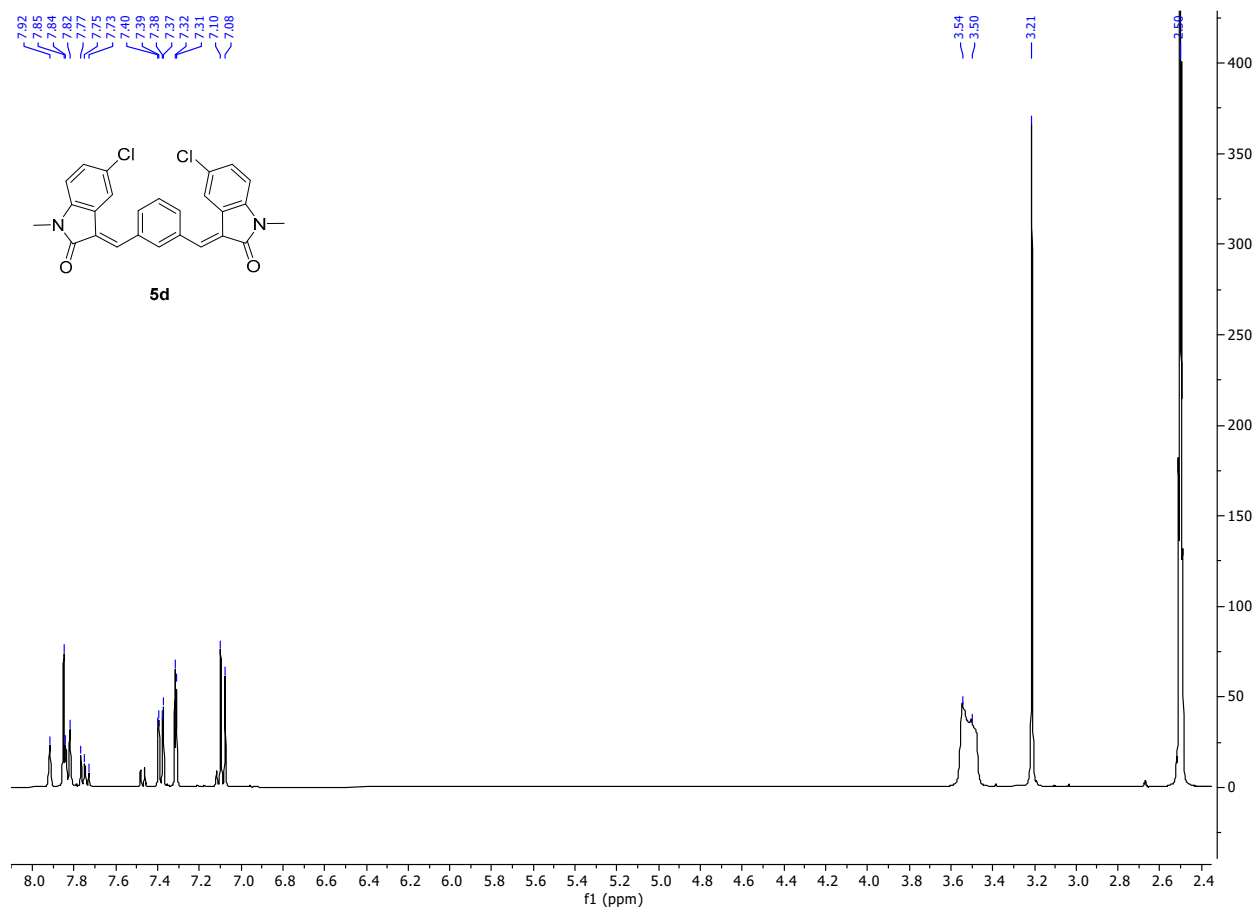
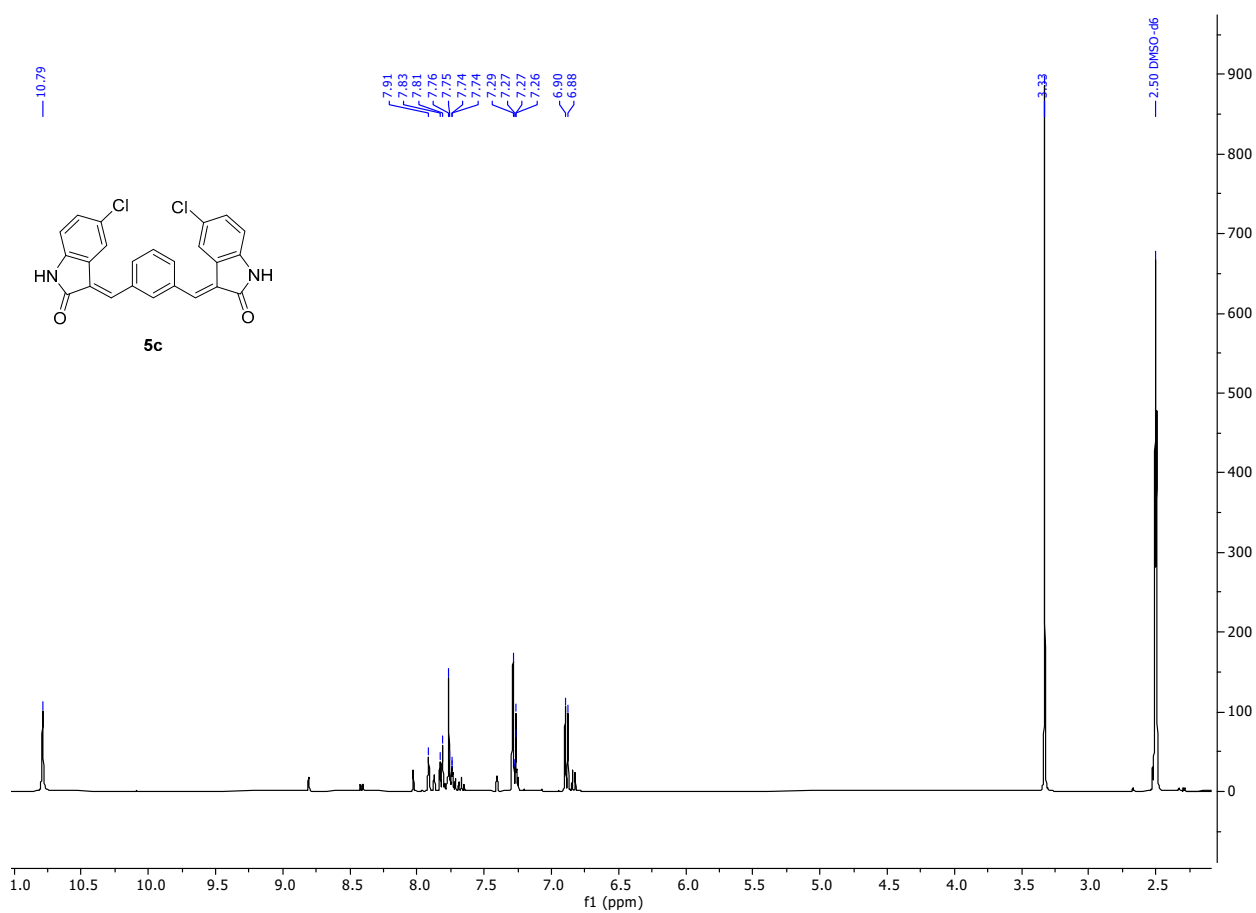


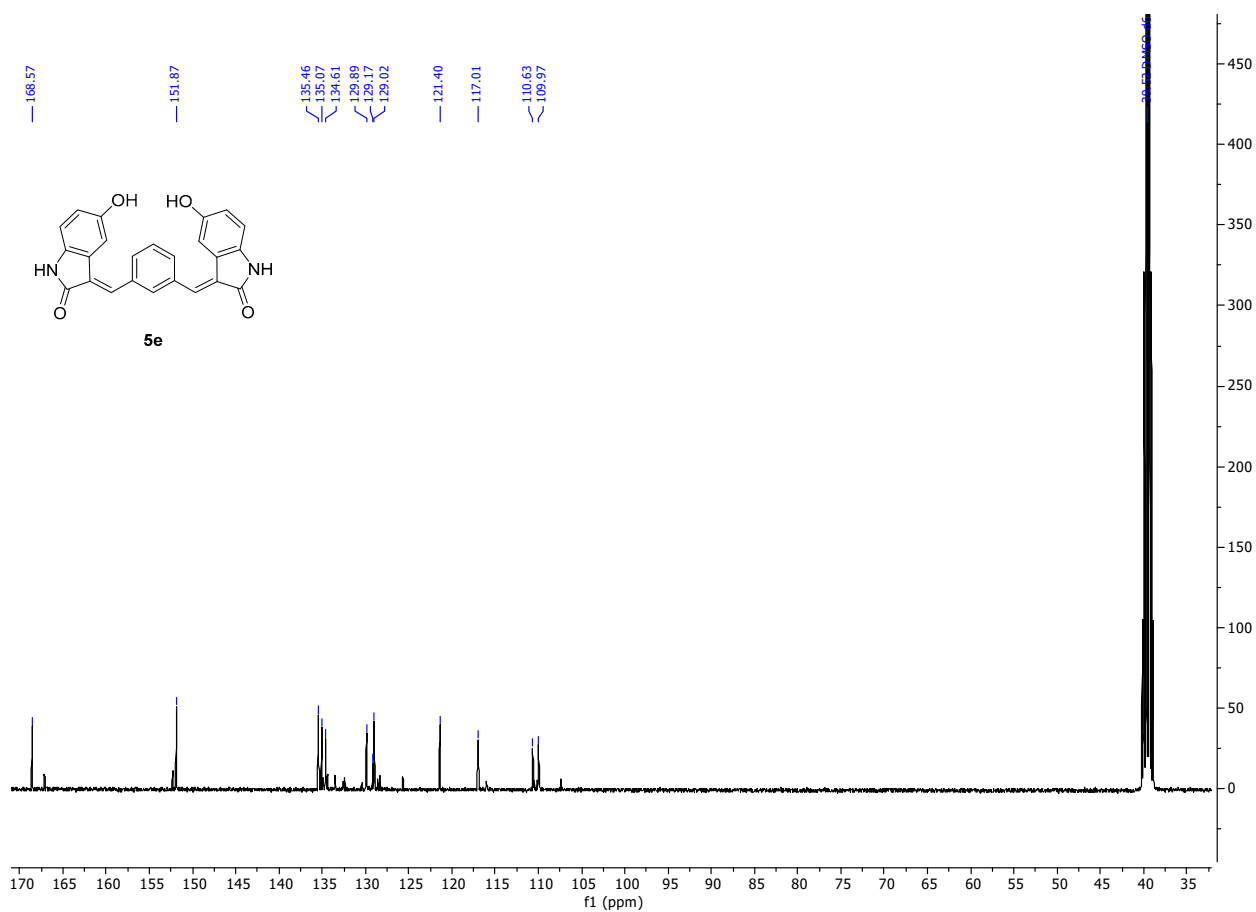
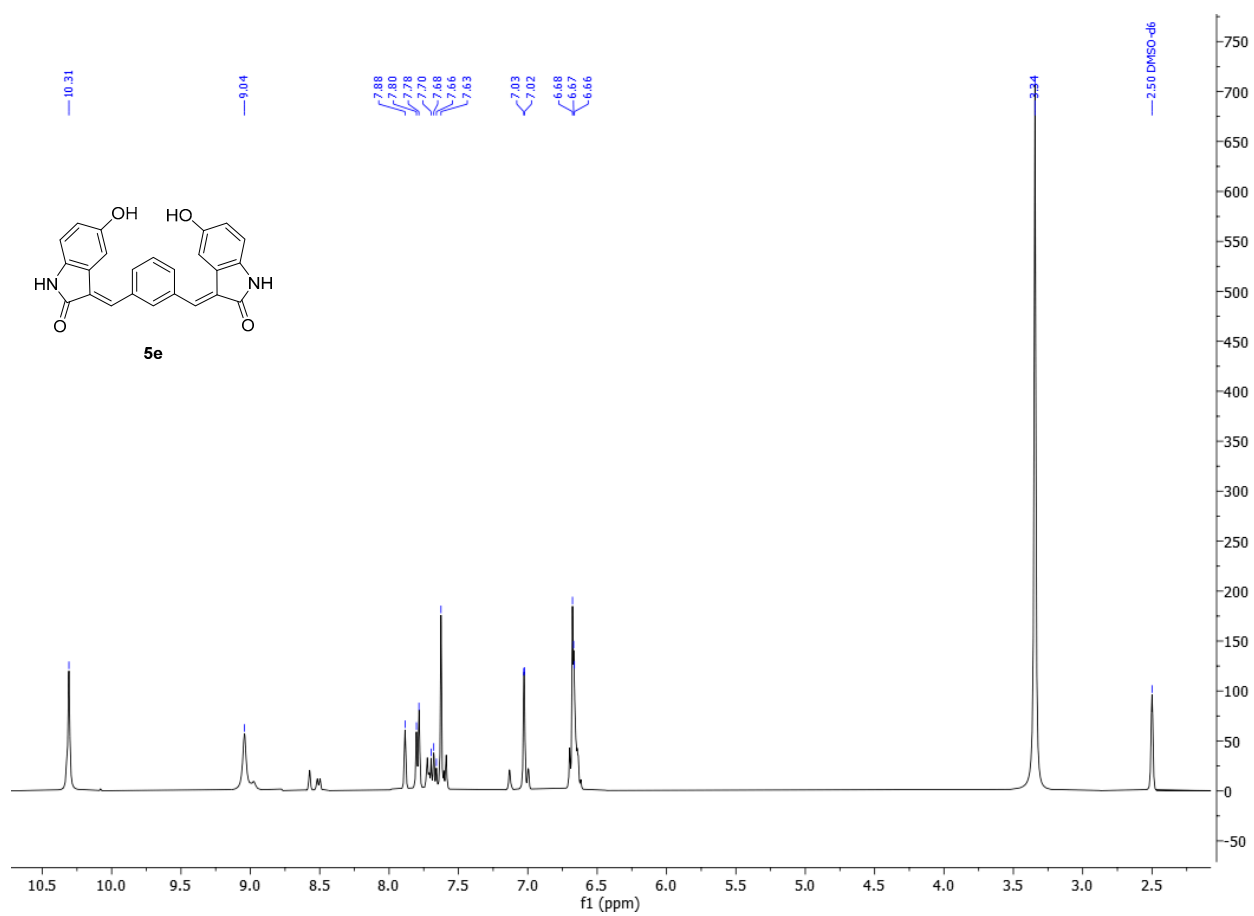


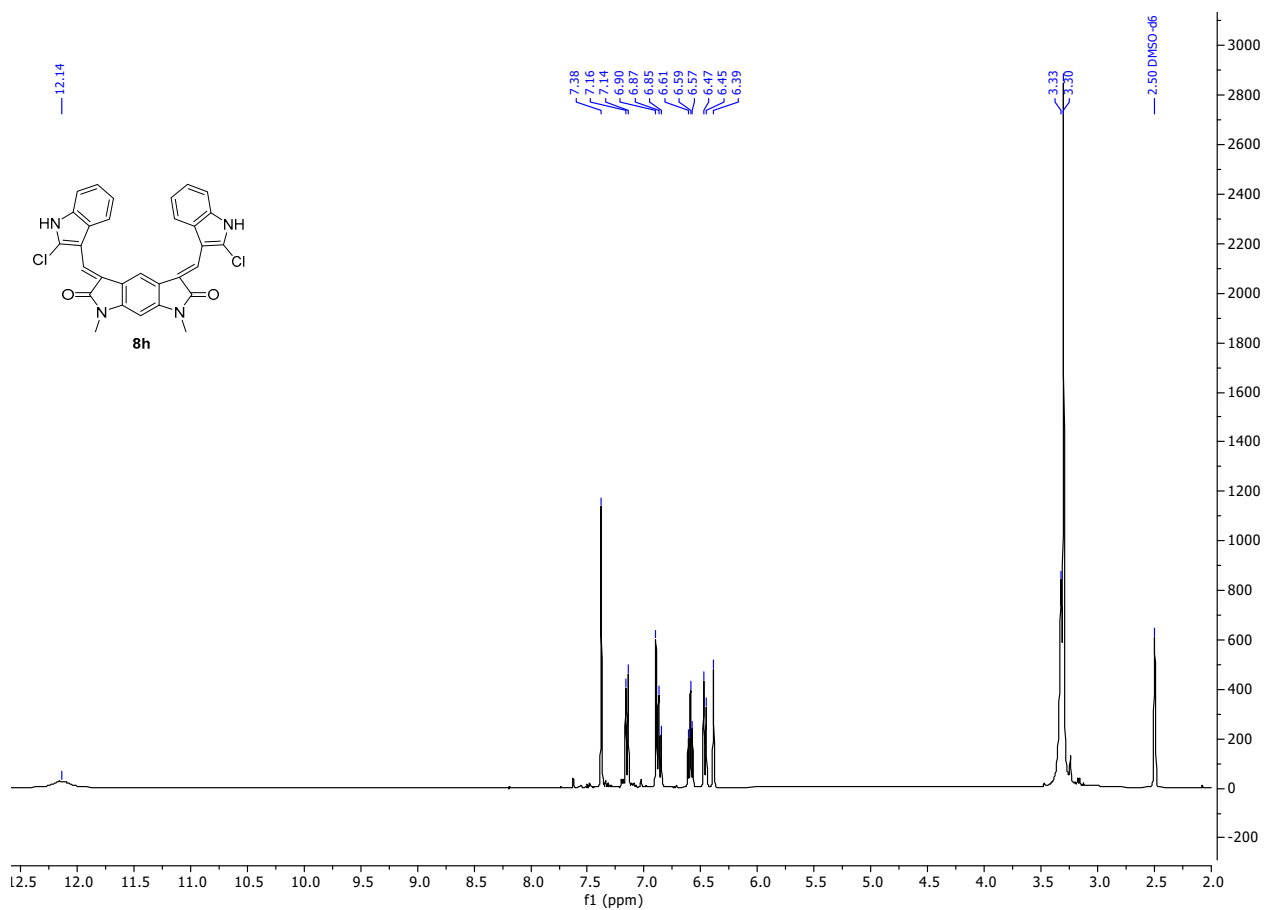
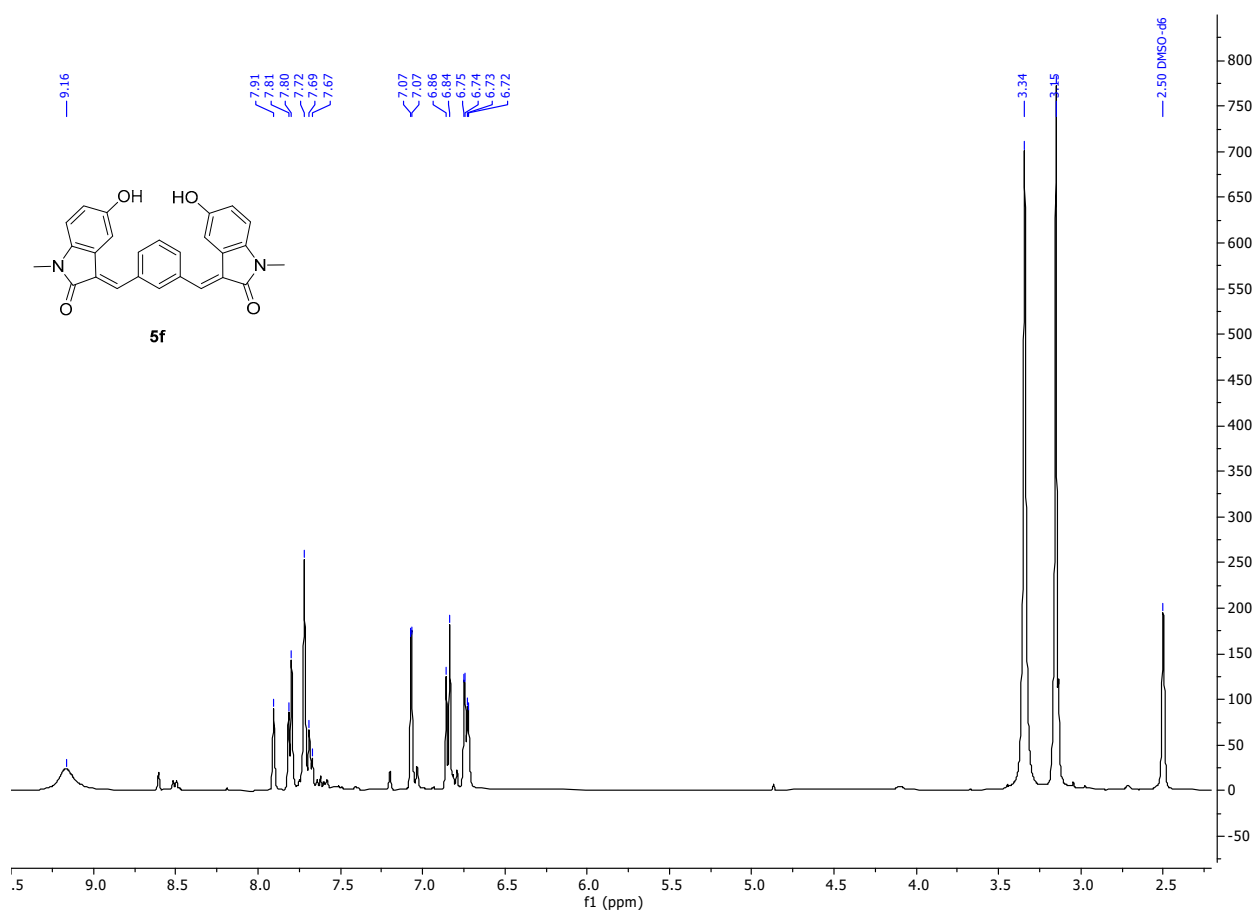


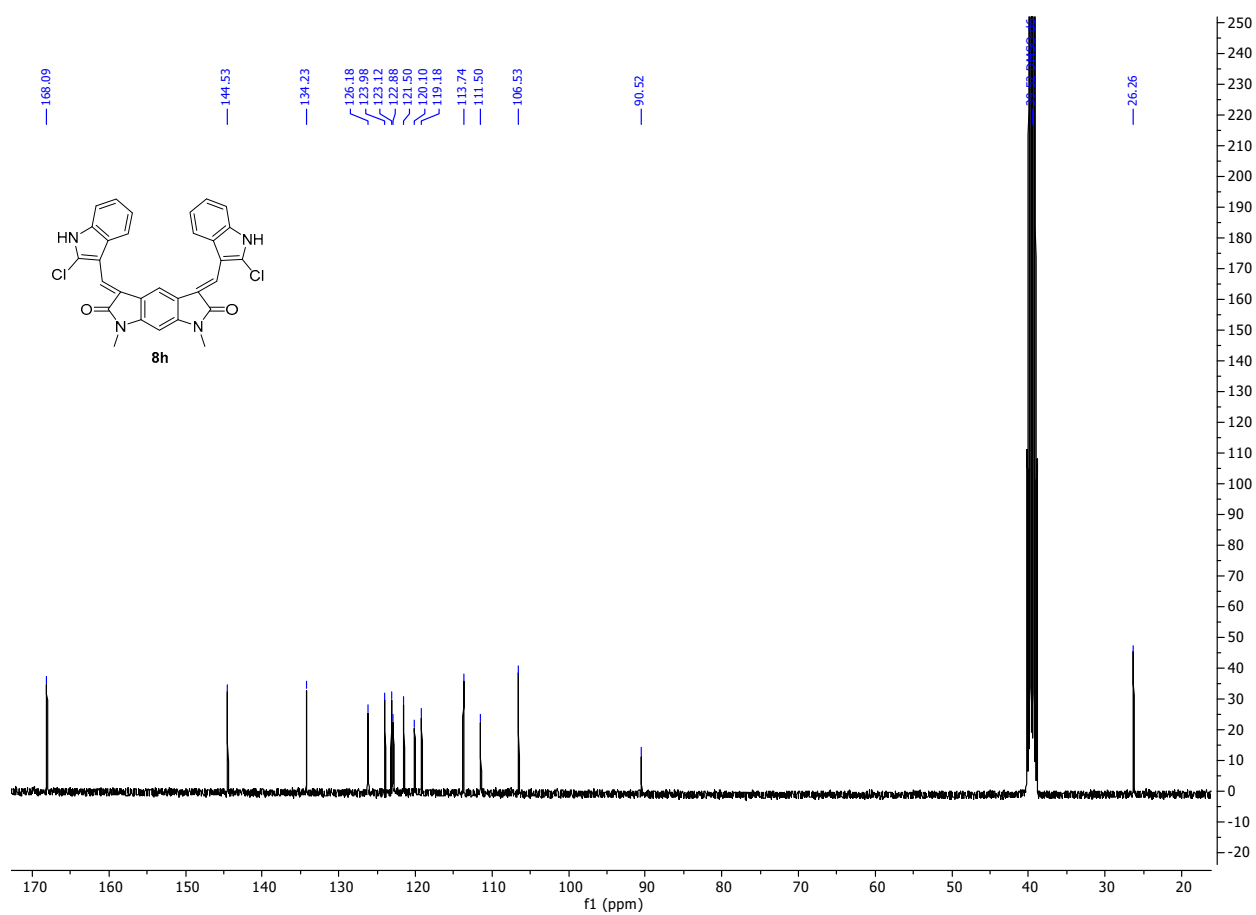


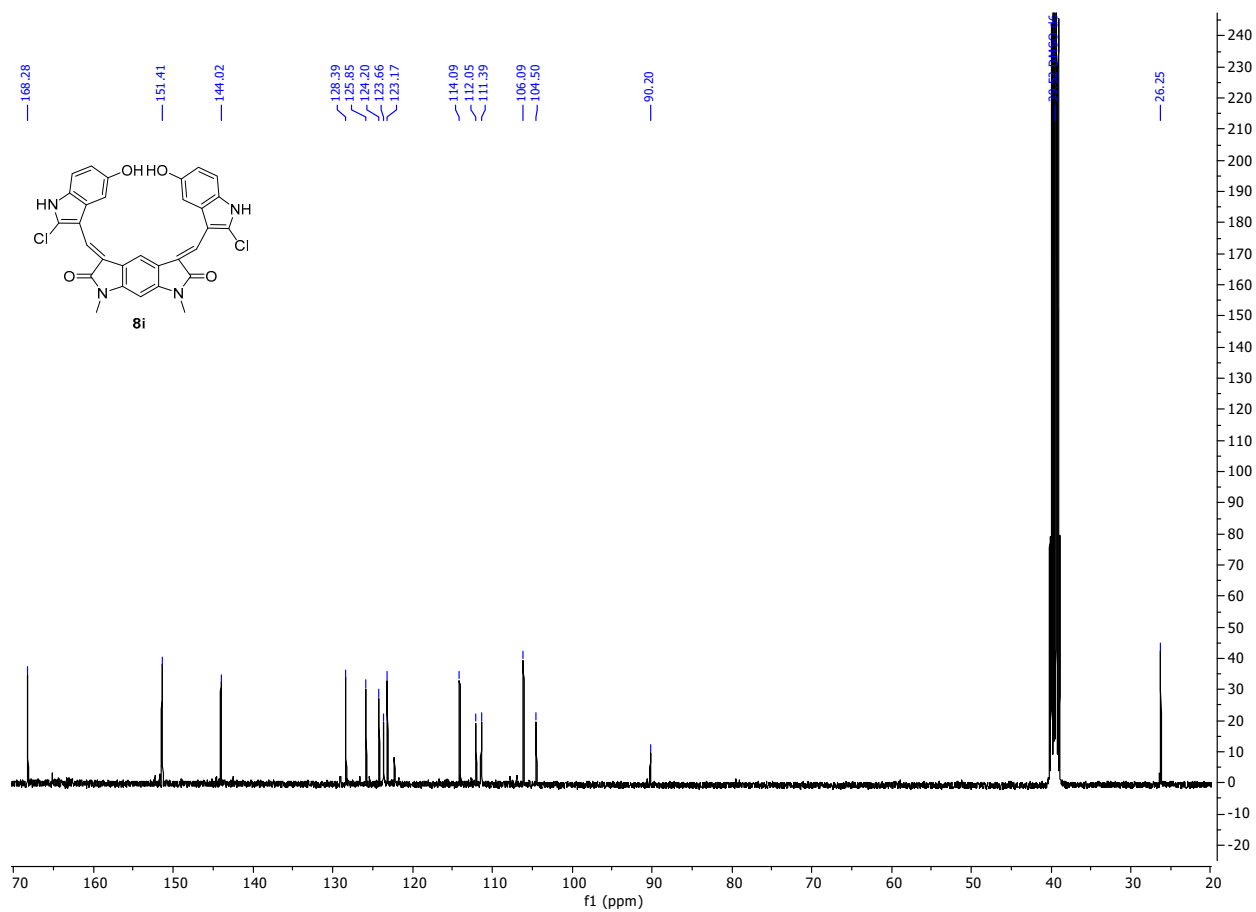
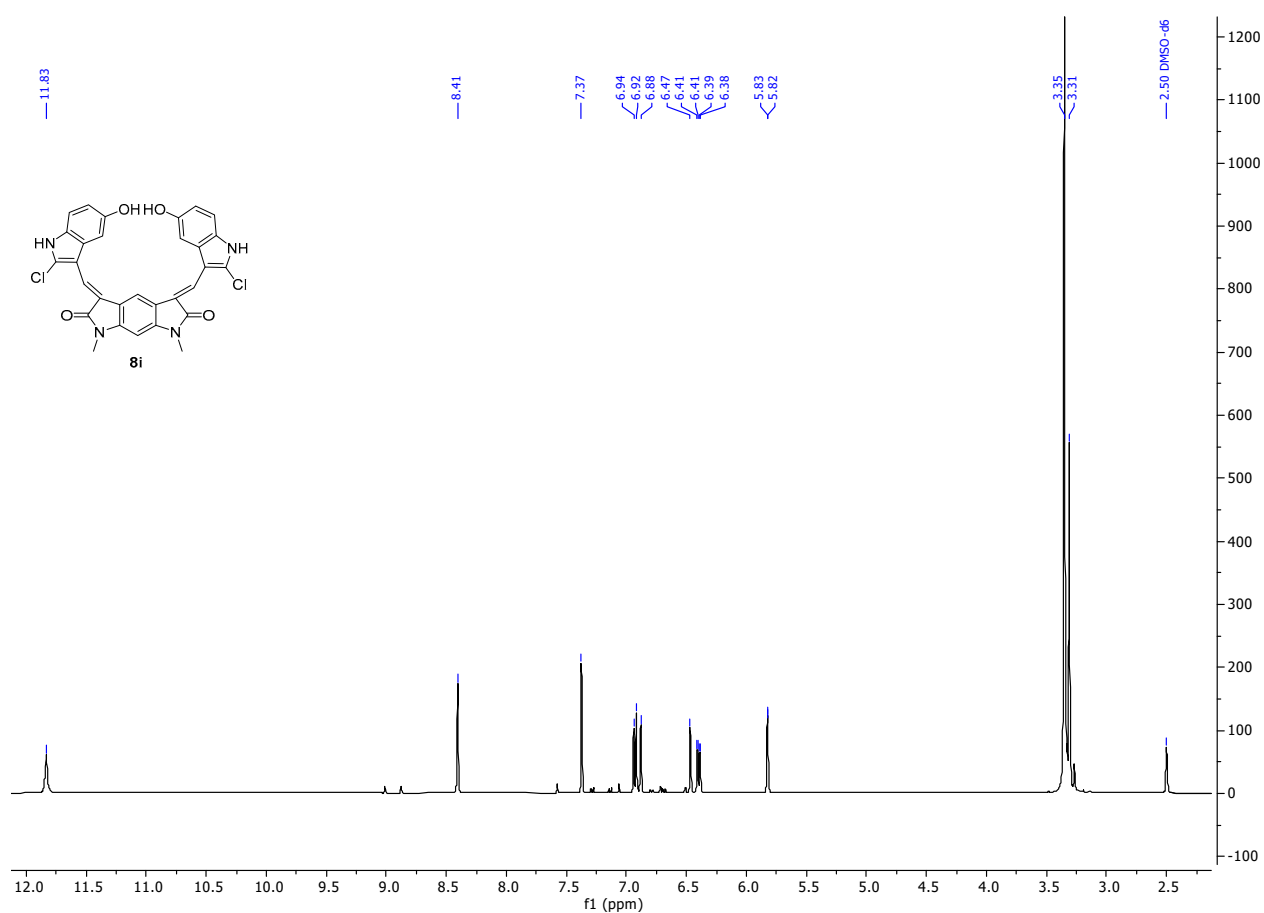


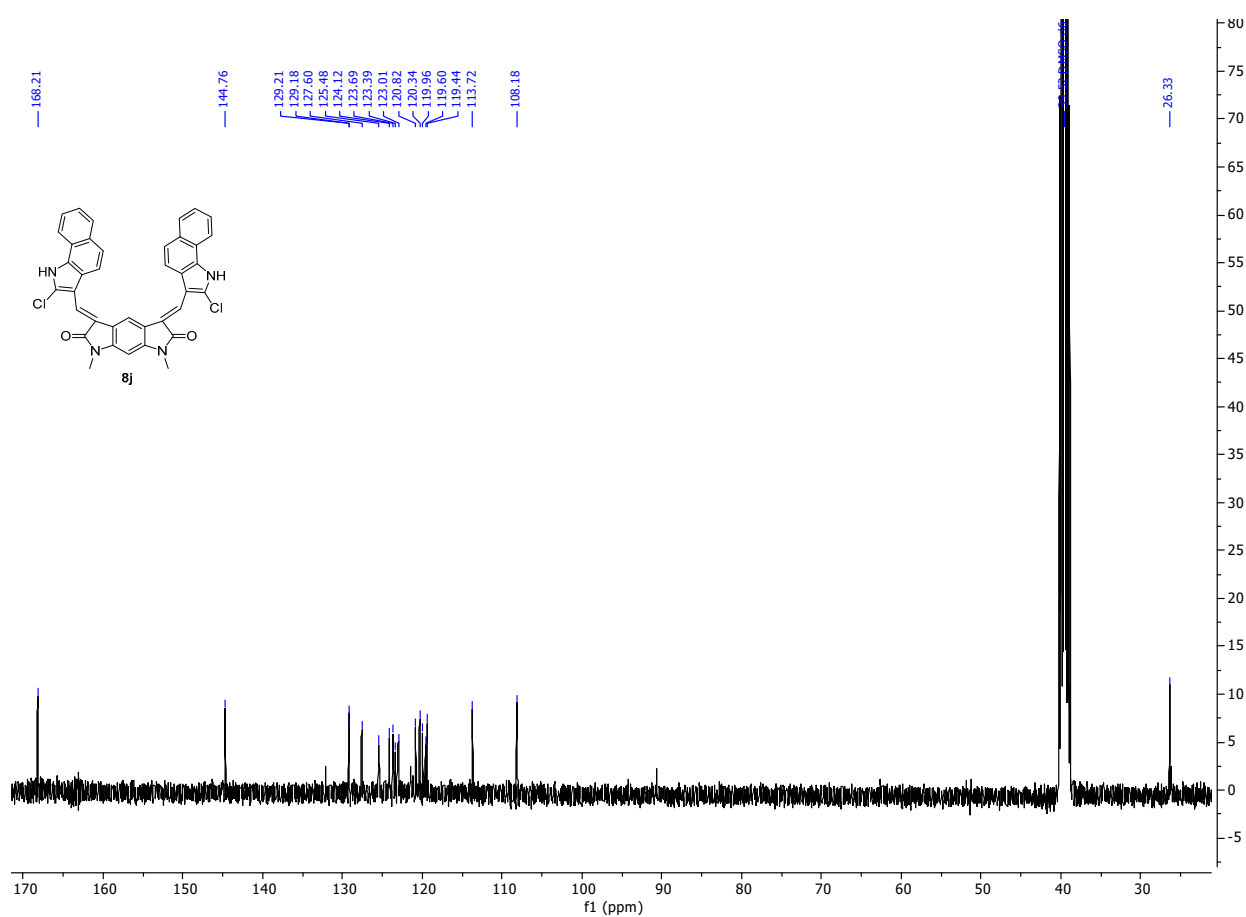
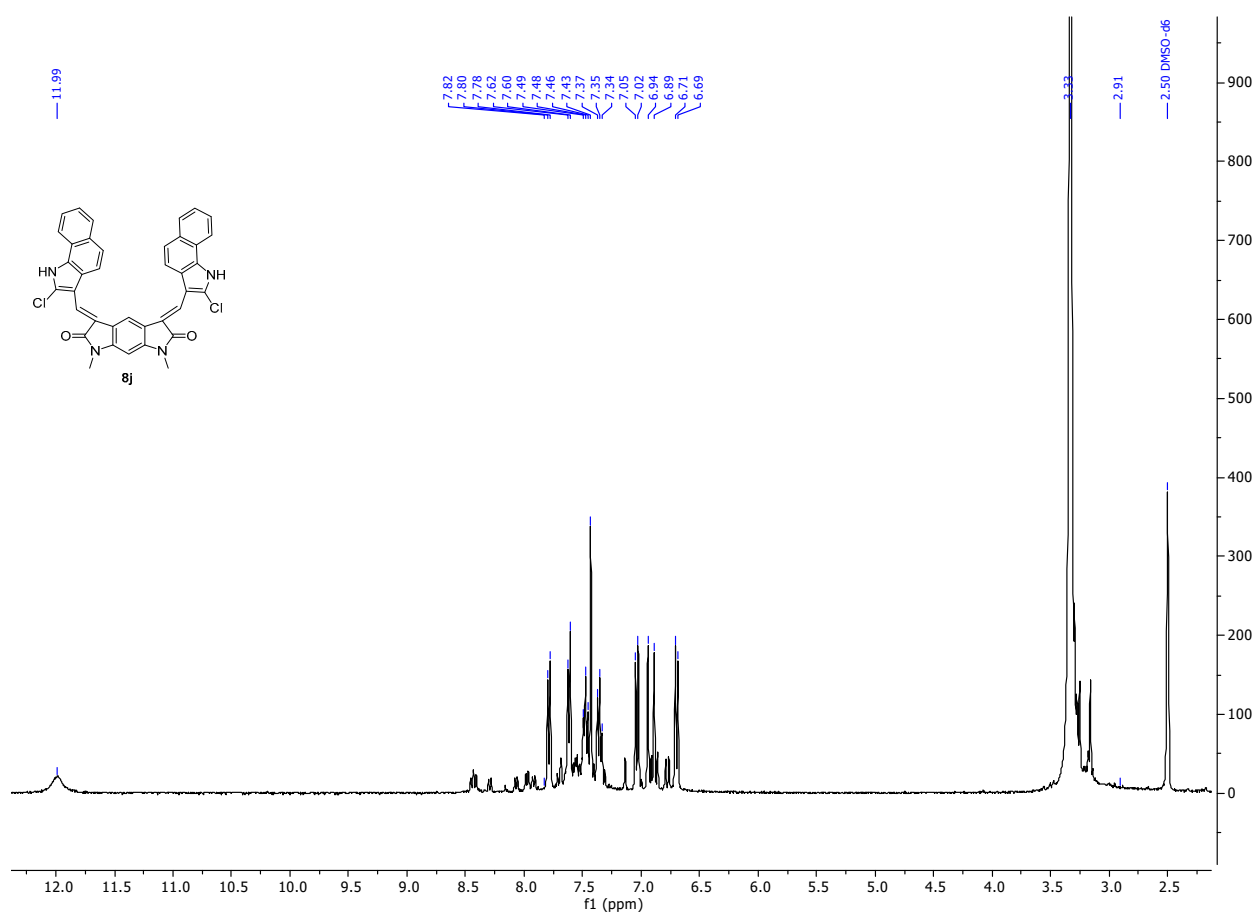












HRMS spectra of the described compounds

