

Supplementary Material

One-pot synthesis of indenobenzofurans via tandem Michael addition-elimination and palladium-catalysed C-H activation

Vijaykumar Naik and Faiz Ahmed Khan*

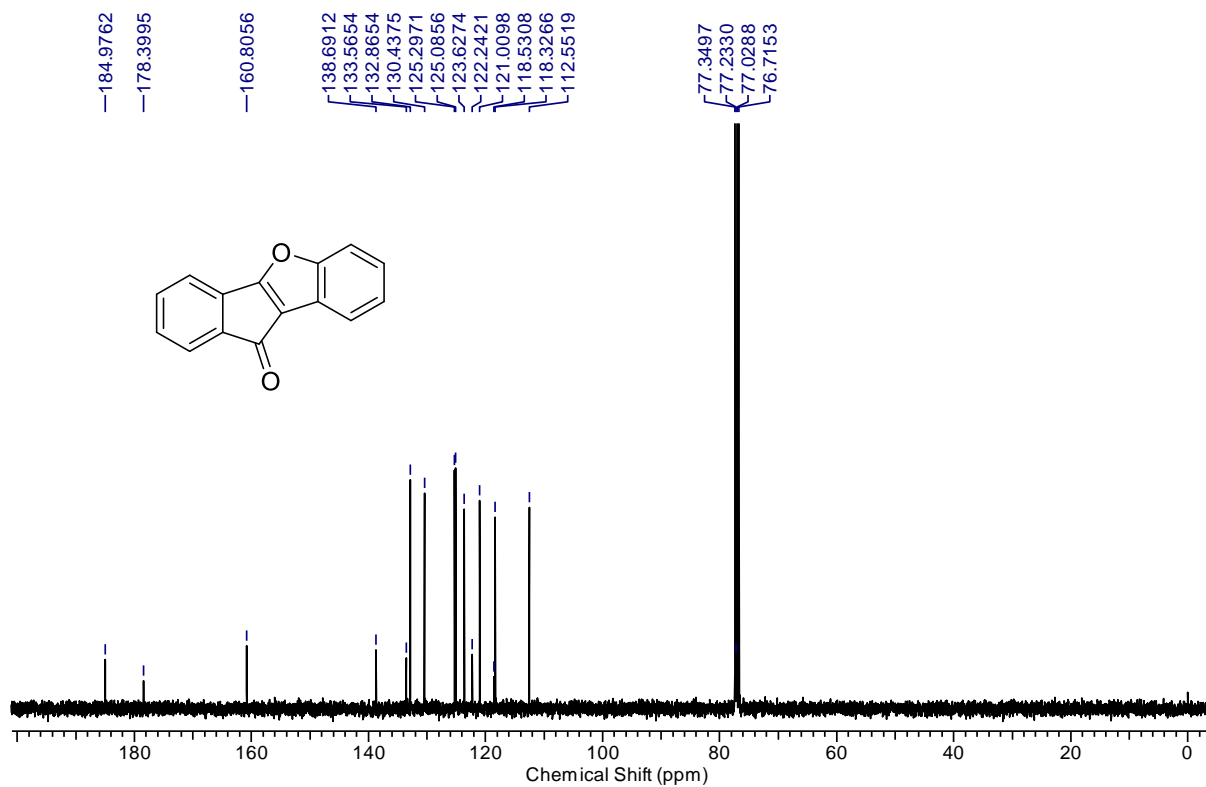
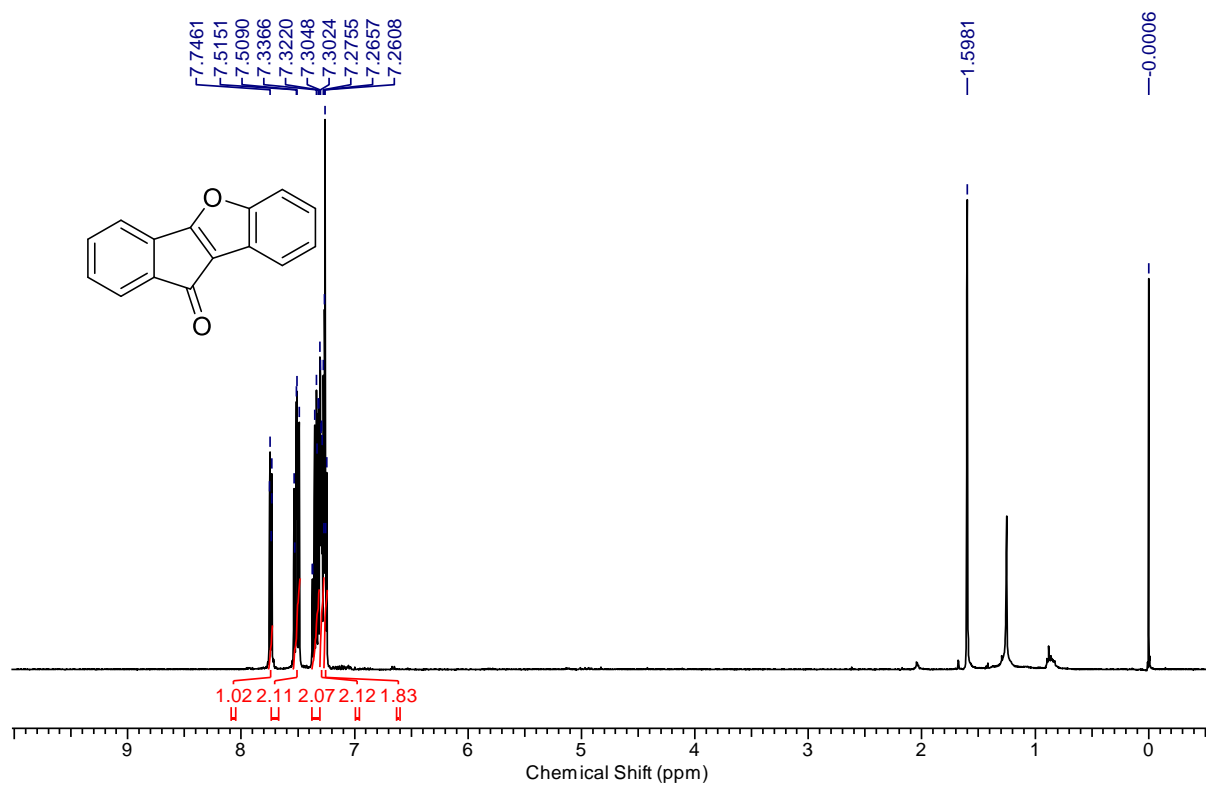
*Department of Chemistry, Indian Institute of Technology Hyderabad, Kandi, Sangareddy,
502285, India*

e-mail: faiz@chy.iith.ac.in

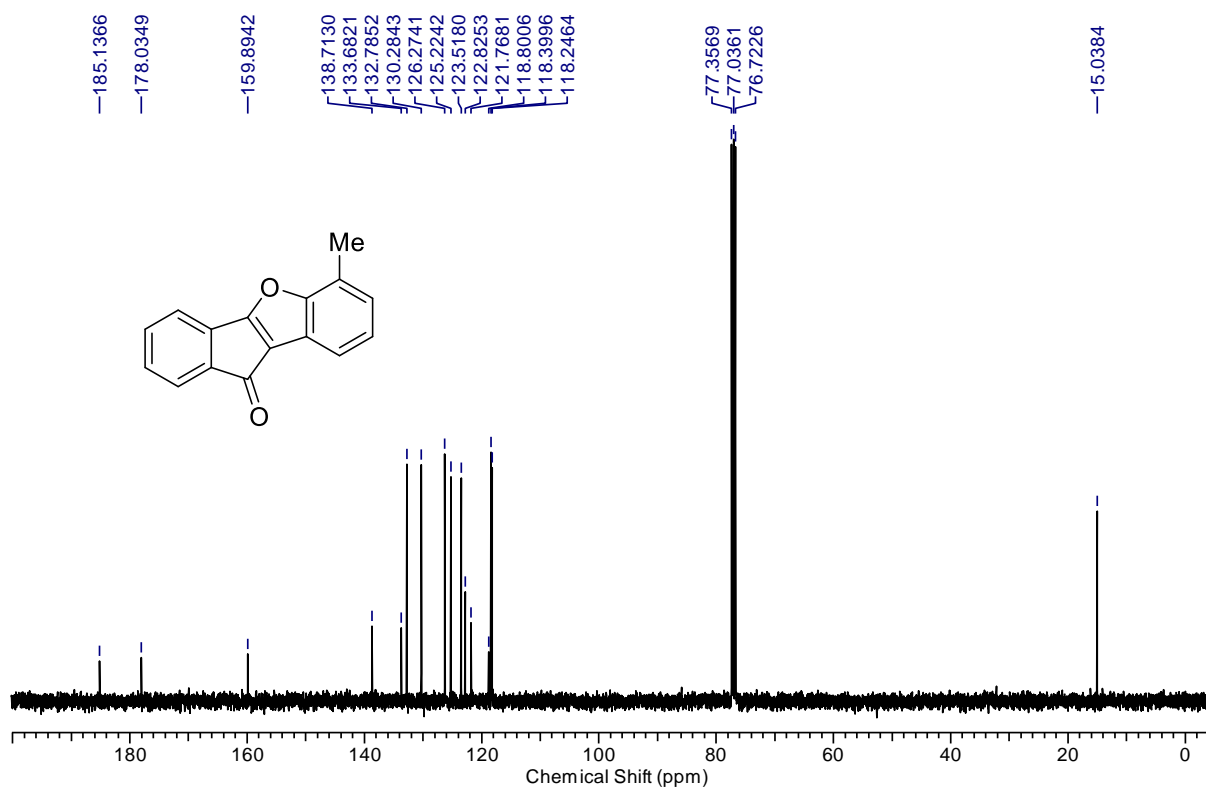
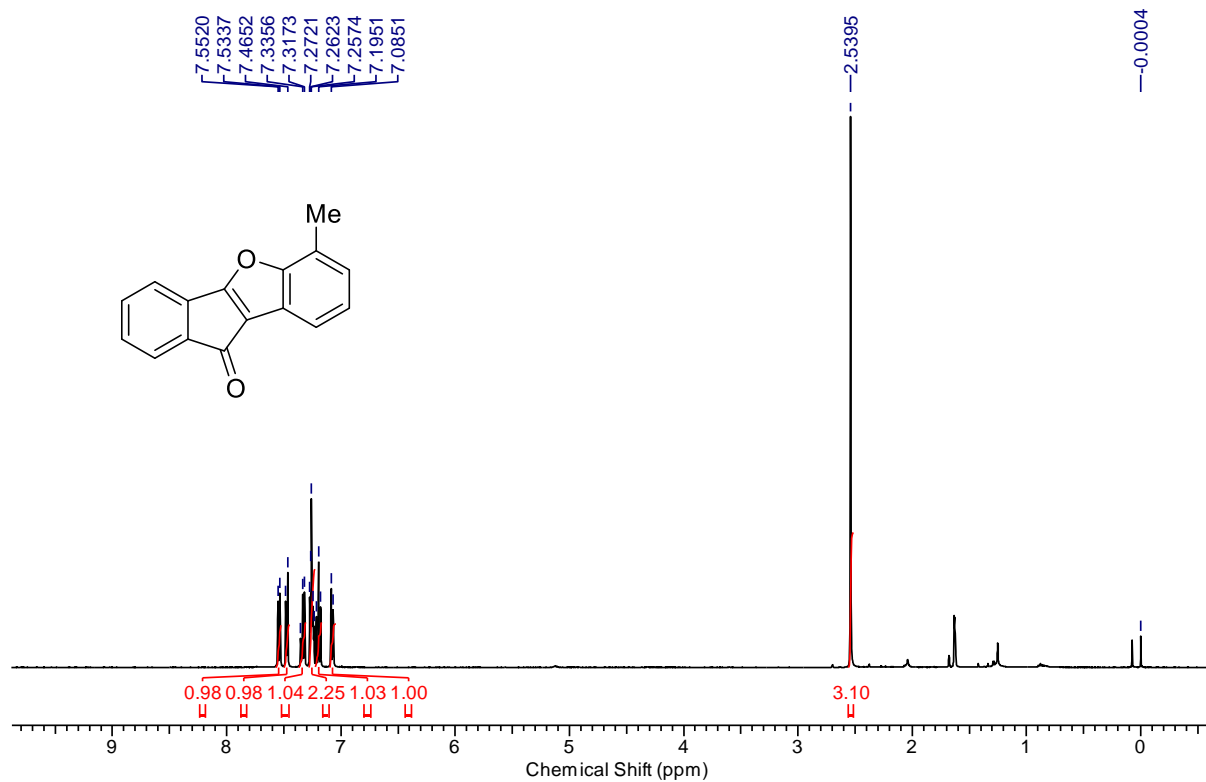
Table of Contents

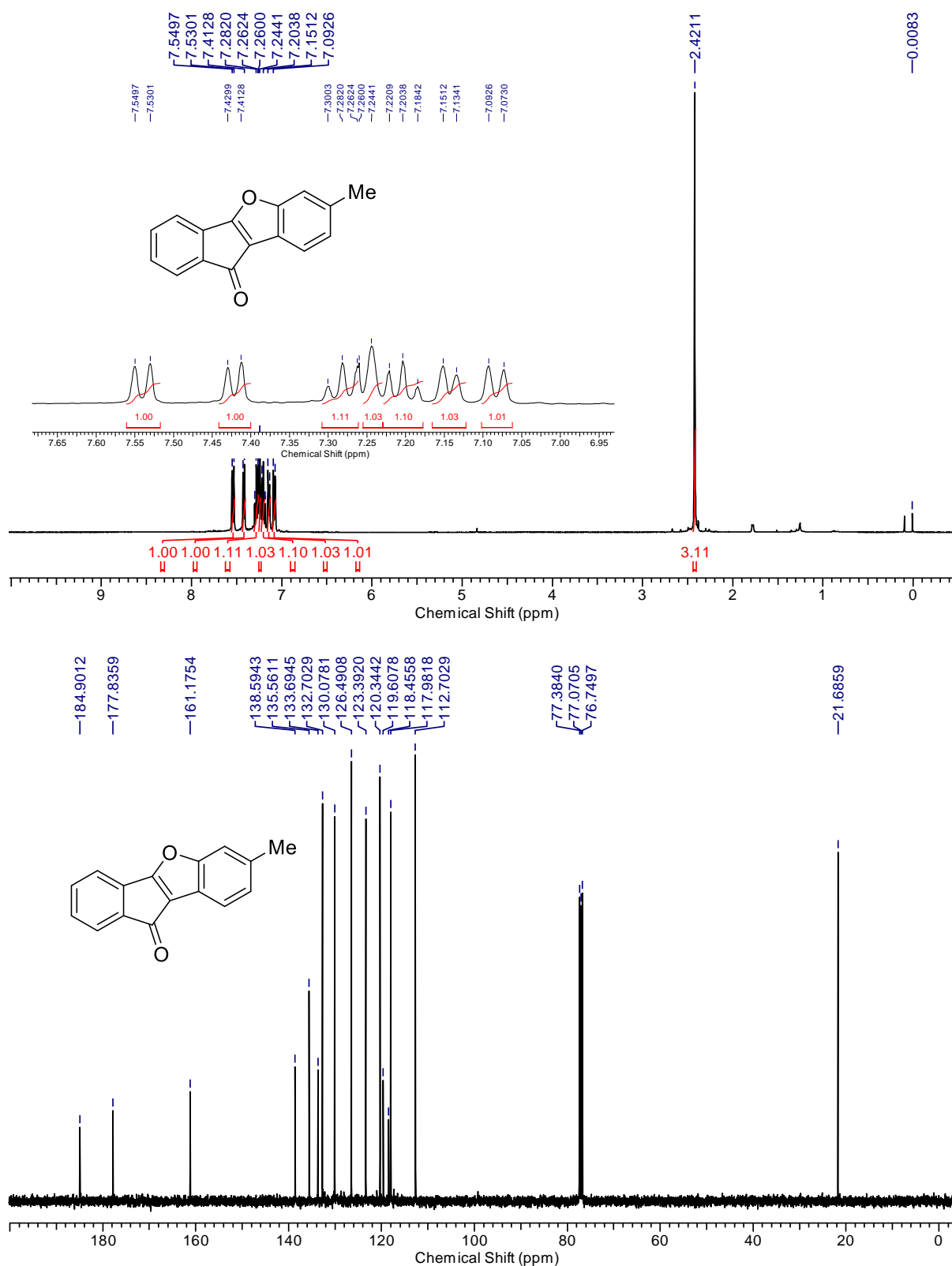
¹ H and ¹³ C NMR spectra of compounds.....	S2
--	----

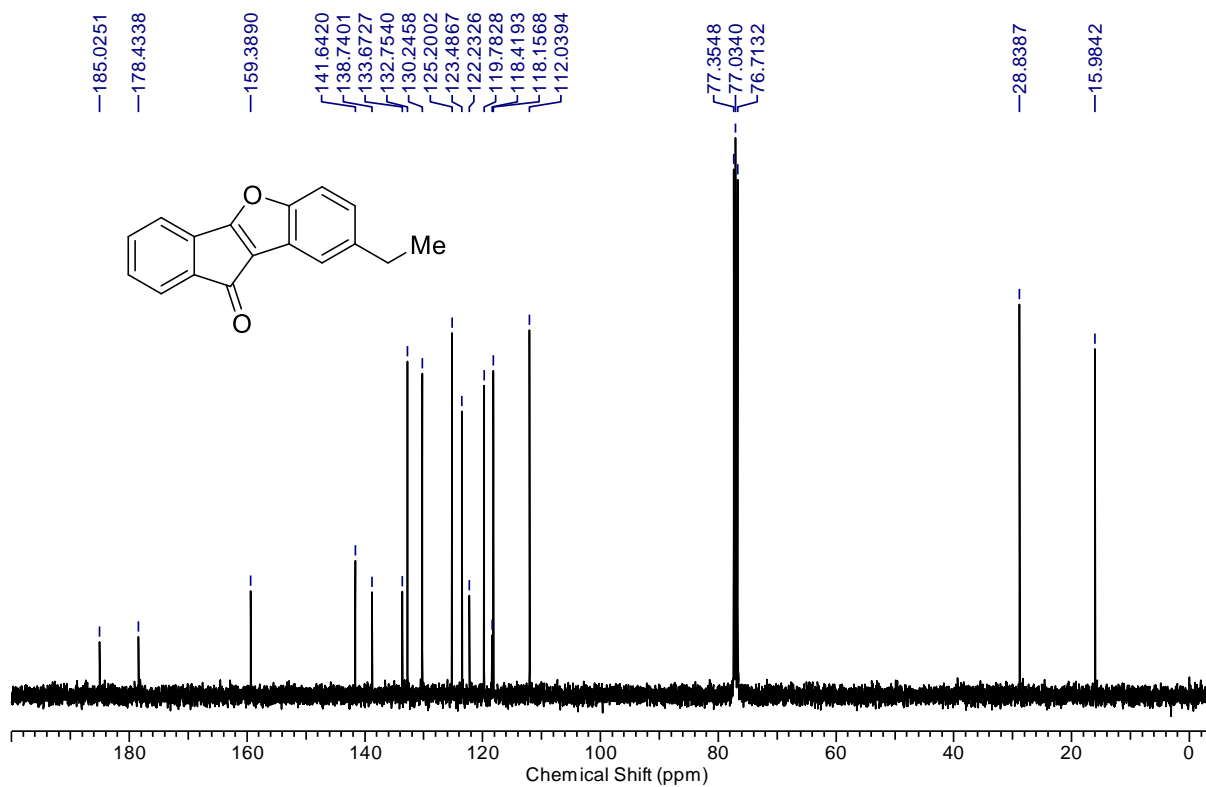
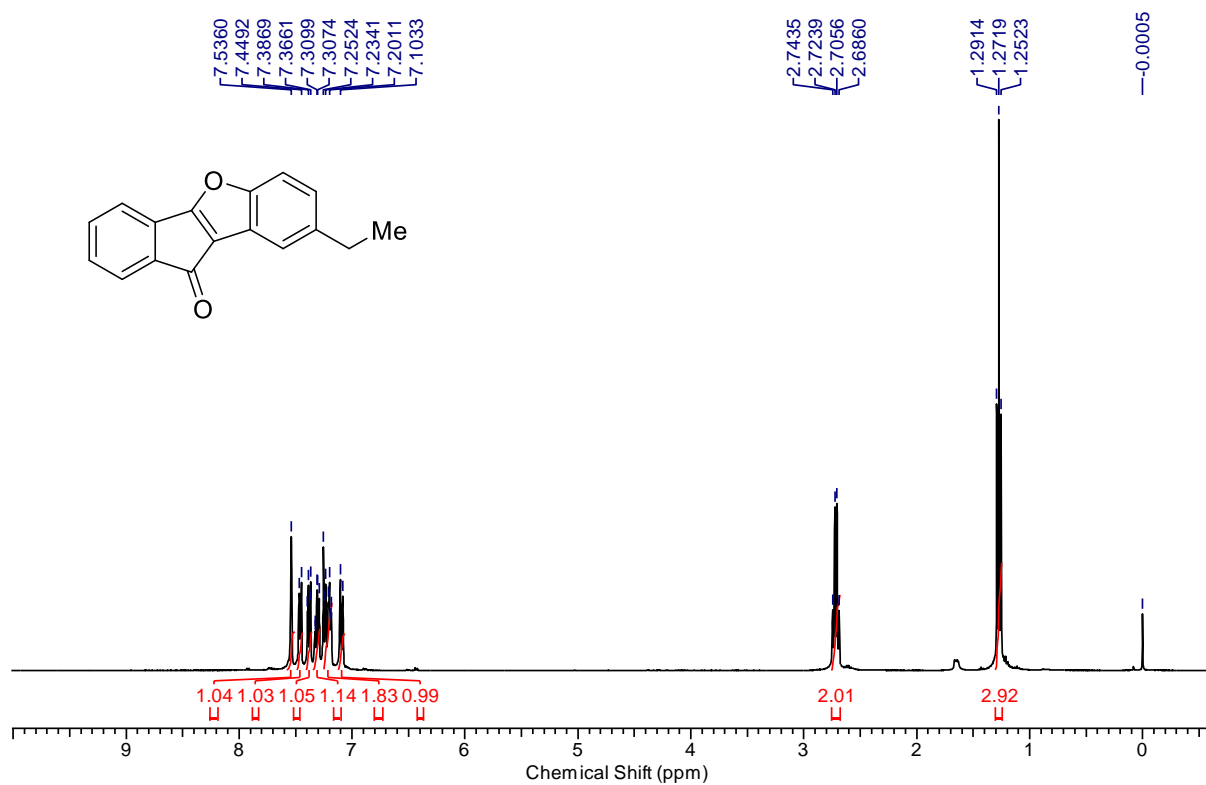
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3a**

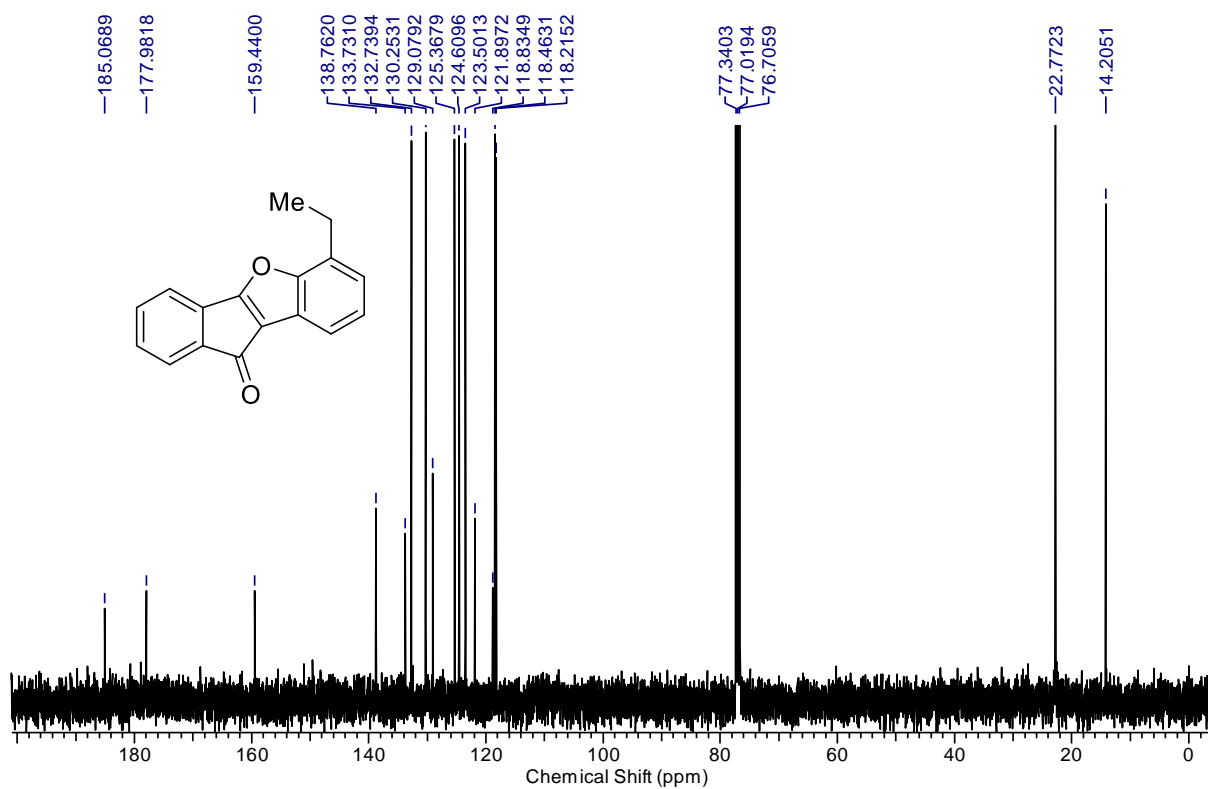
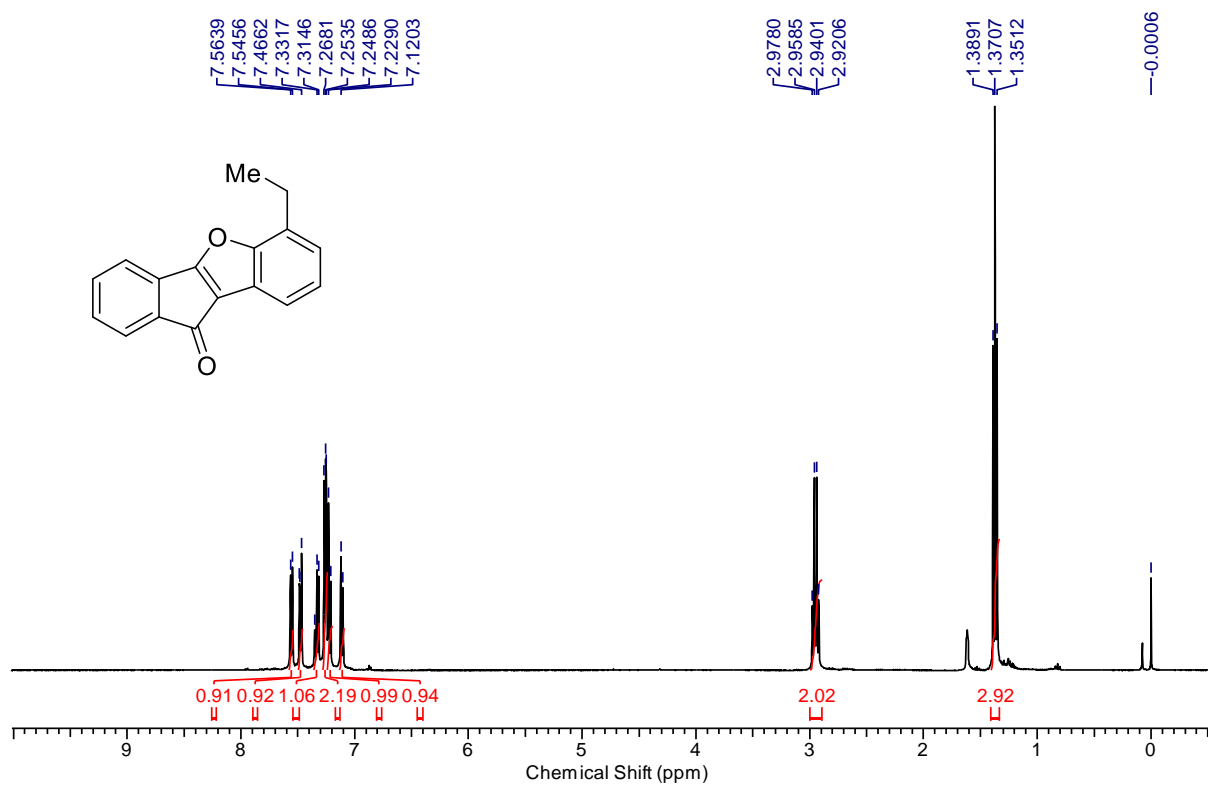


^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3b**

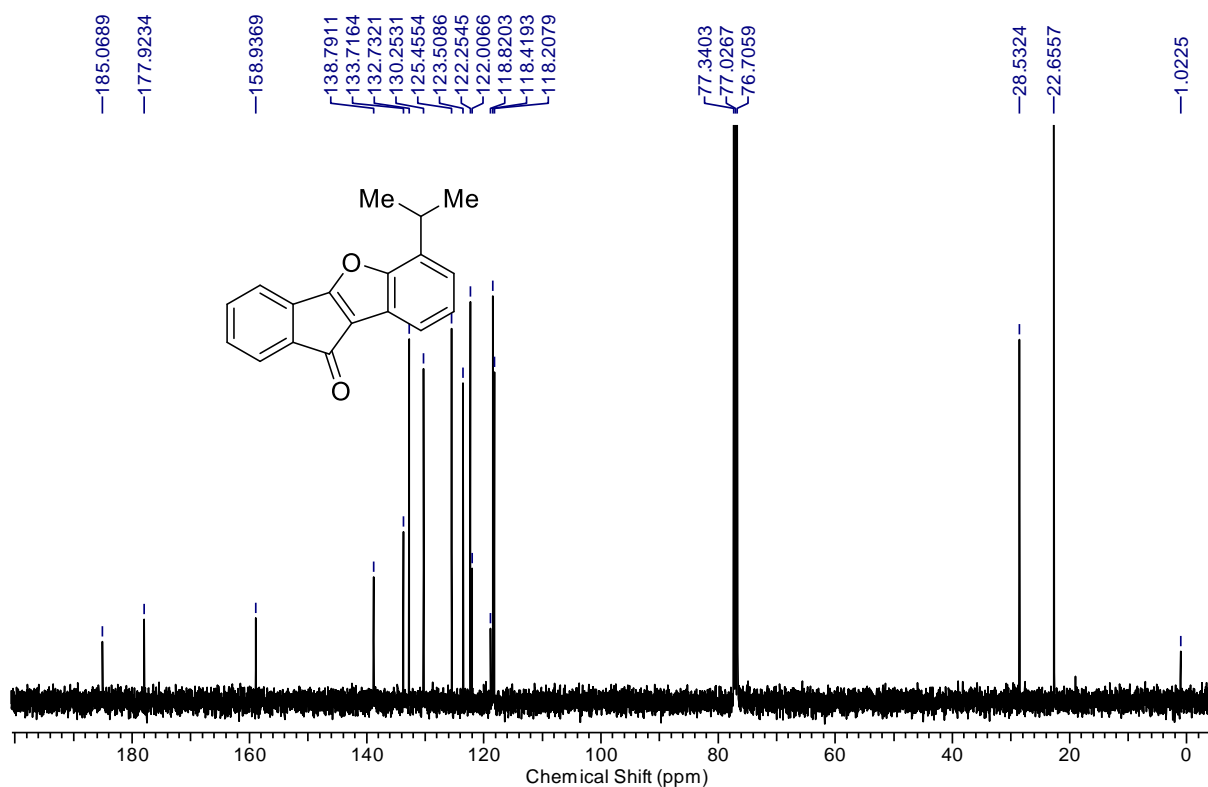
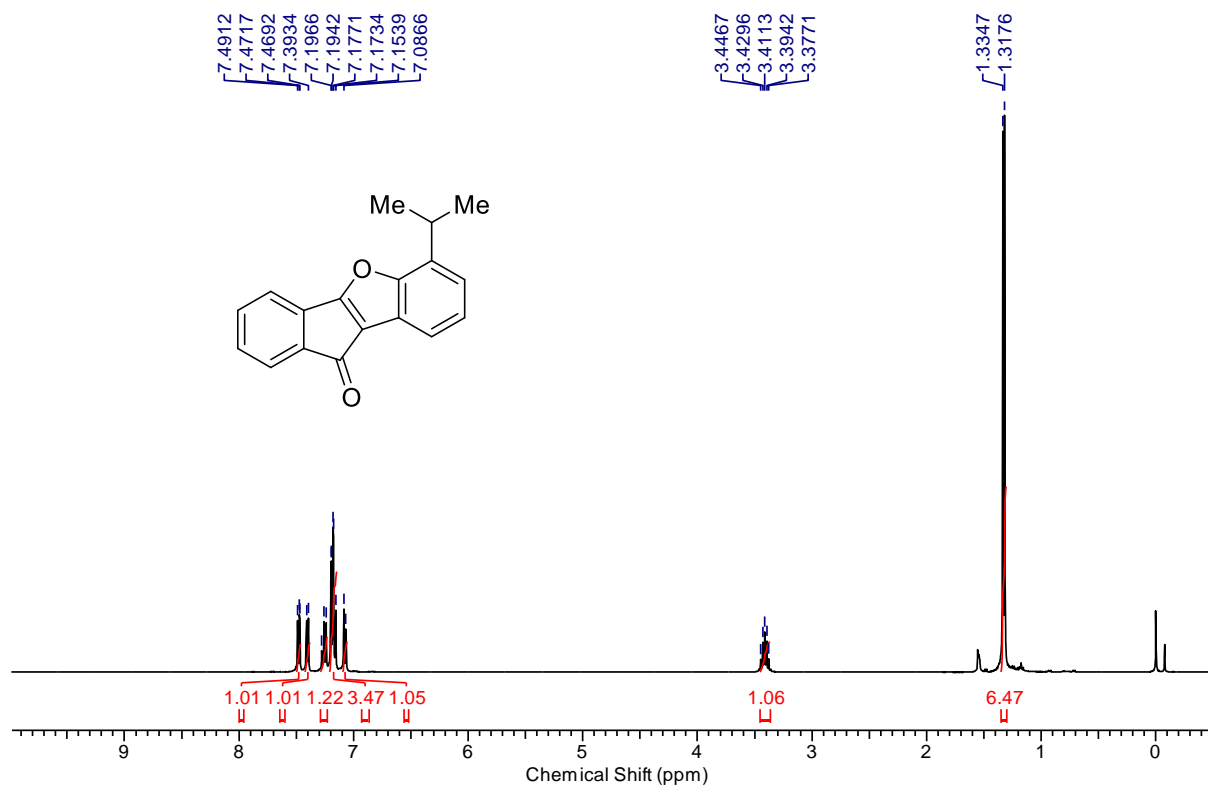


^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3c**

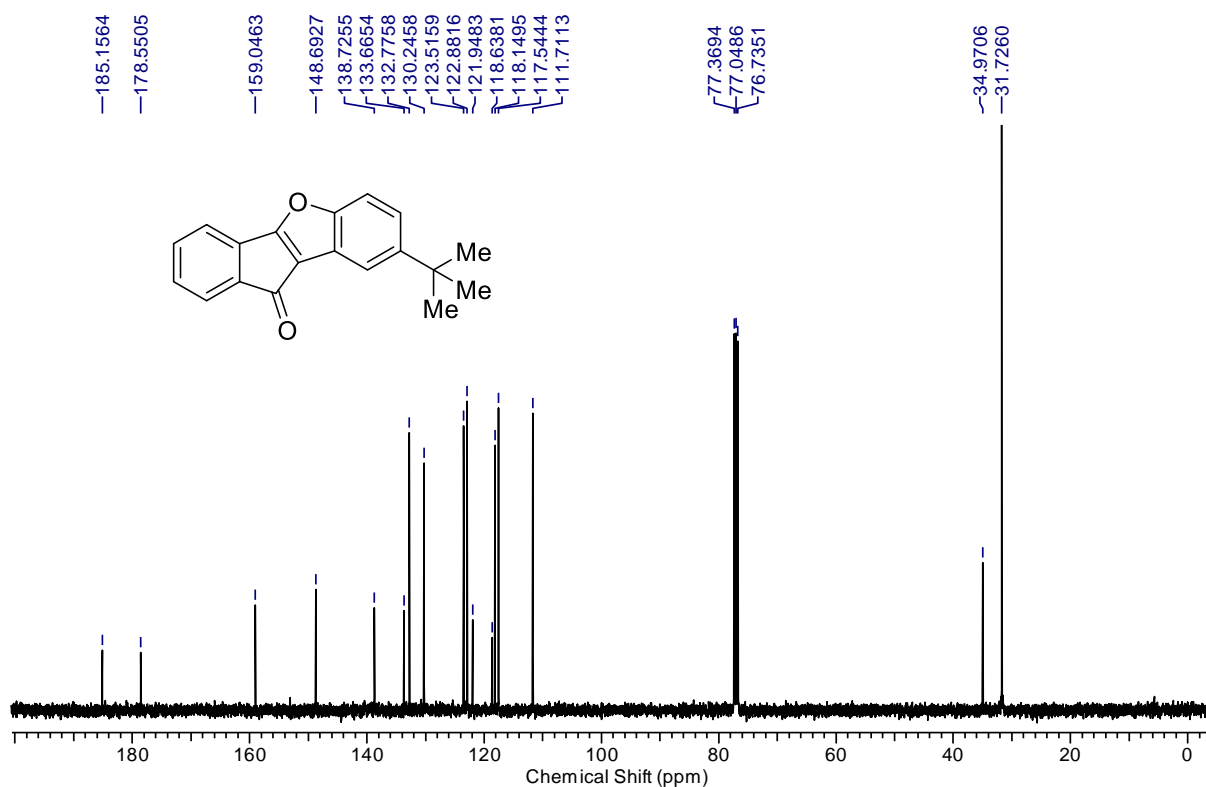
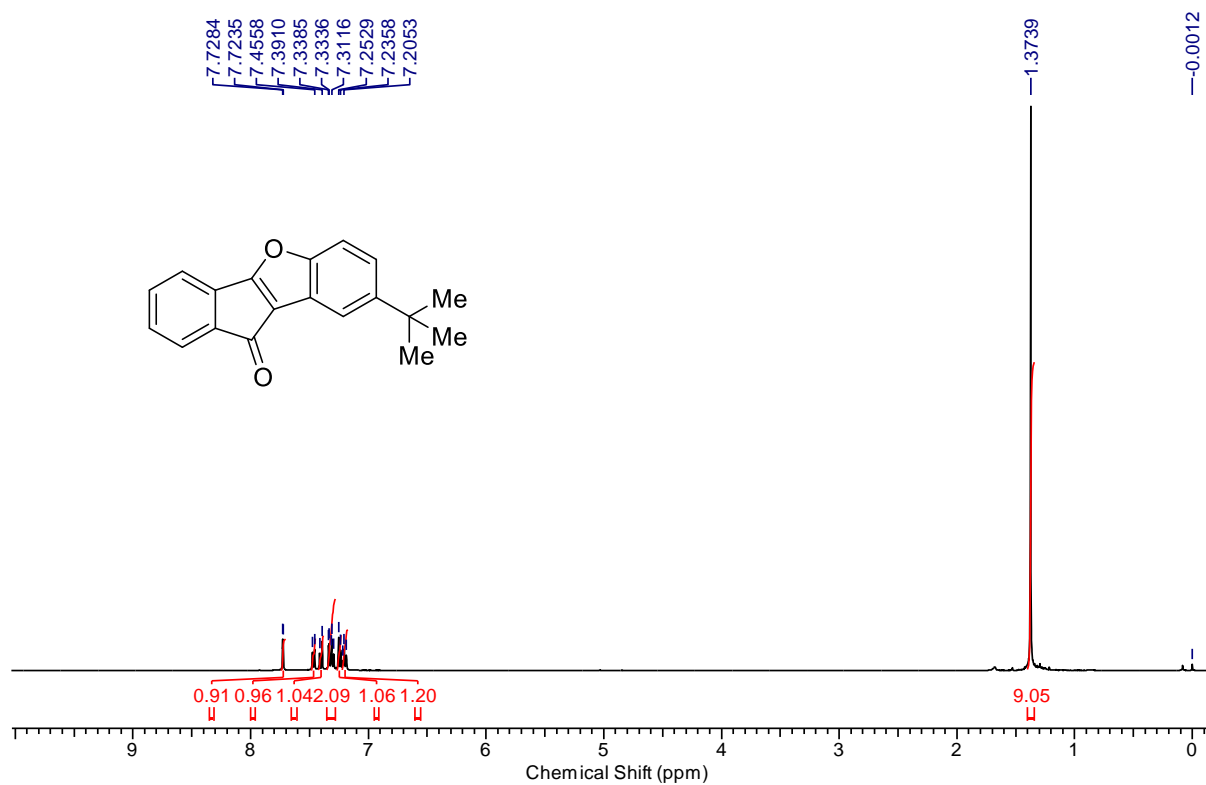
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3d**

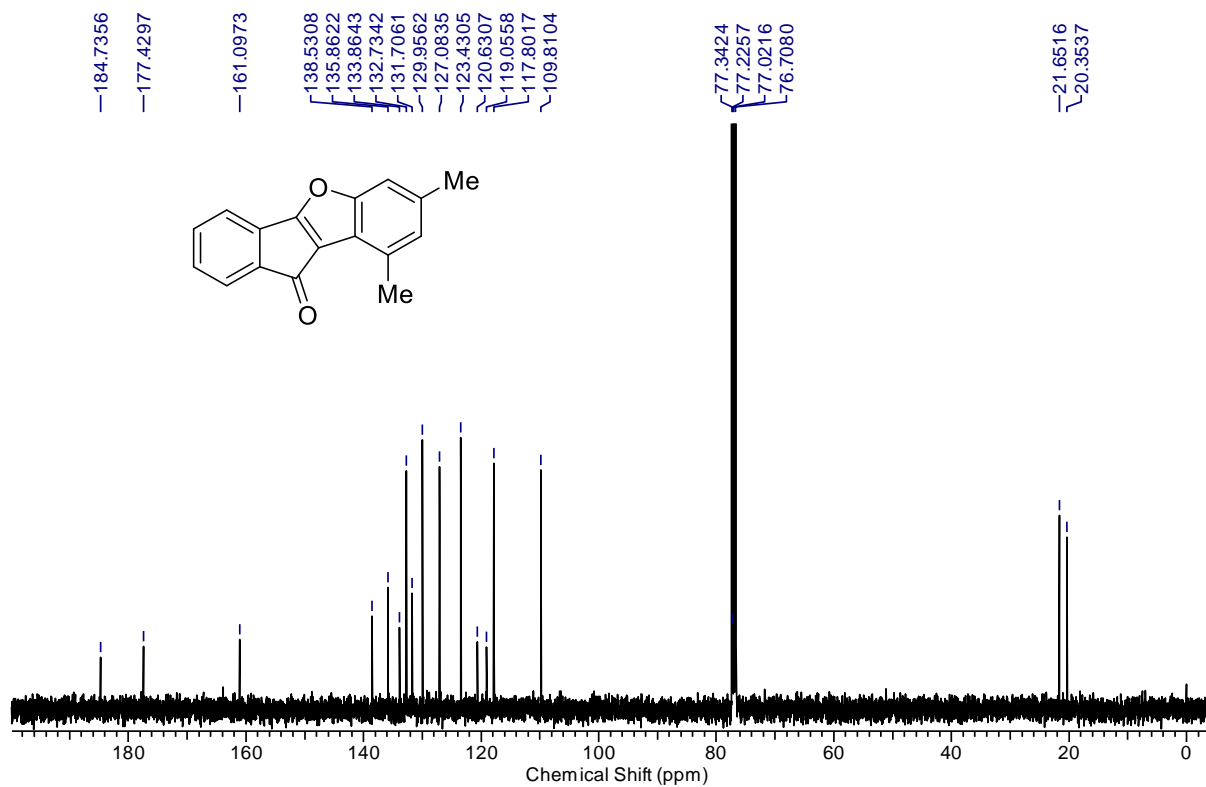
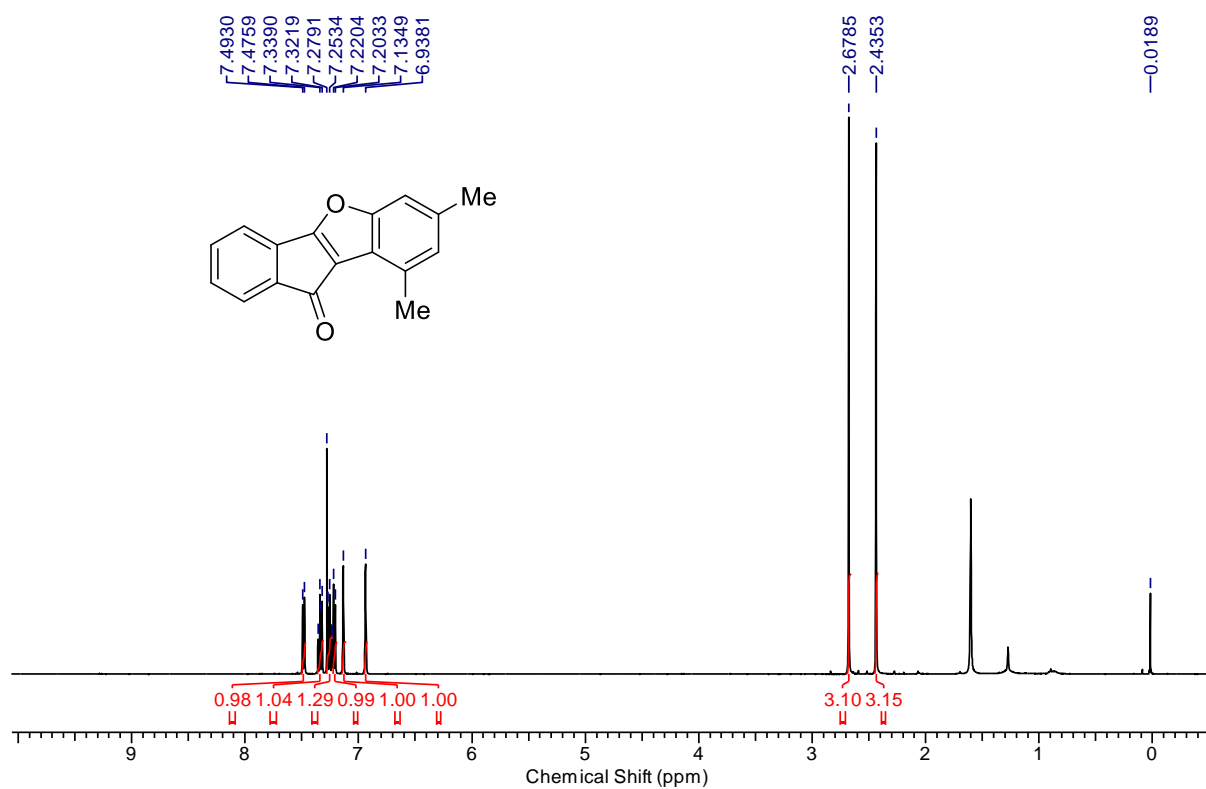
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3e**

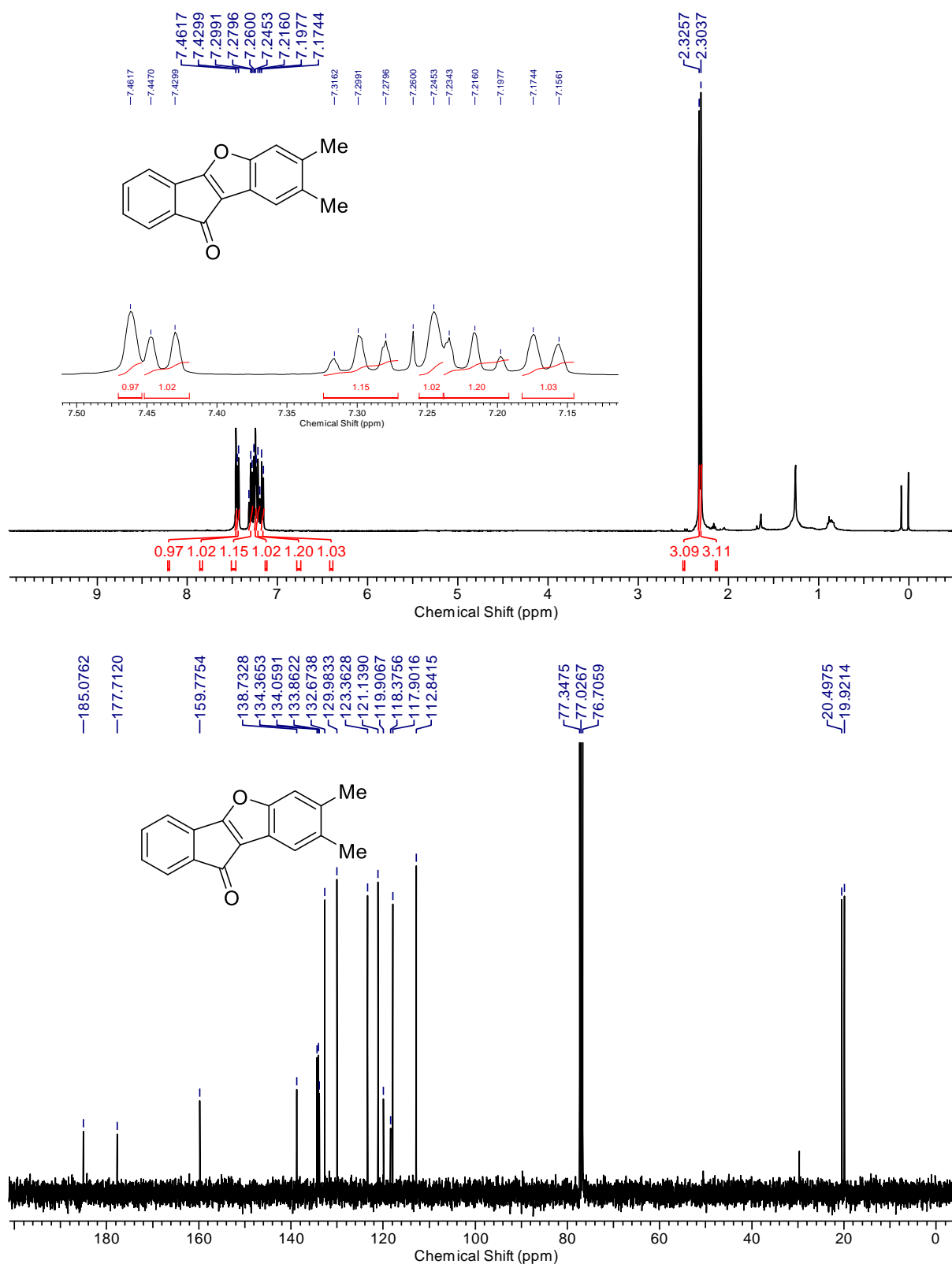
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3f**



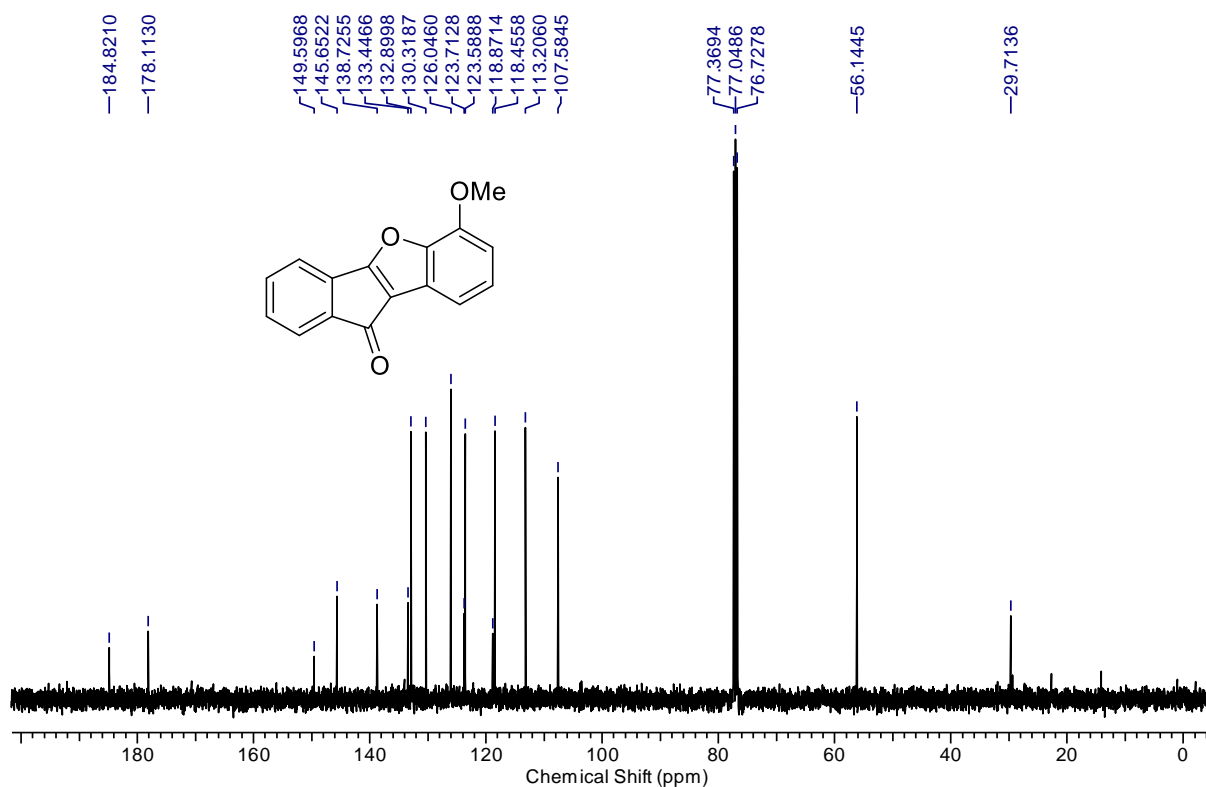
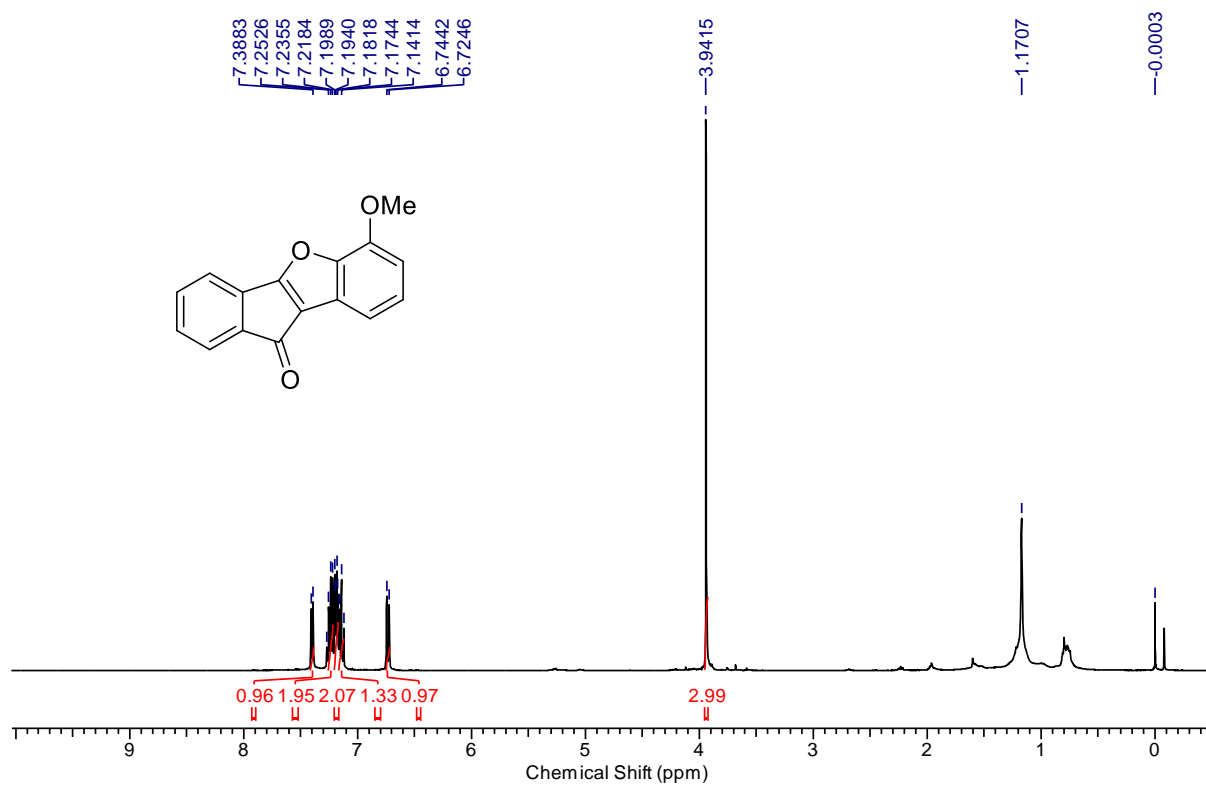
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3g**



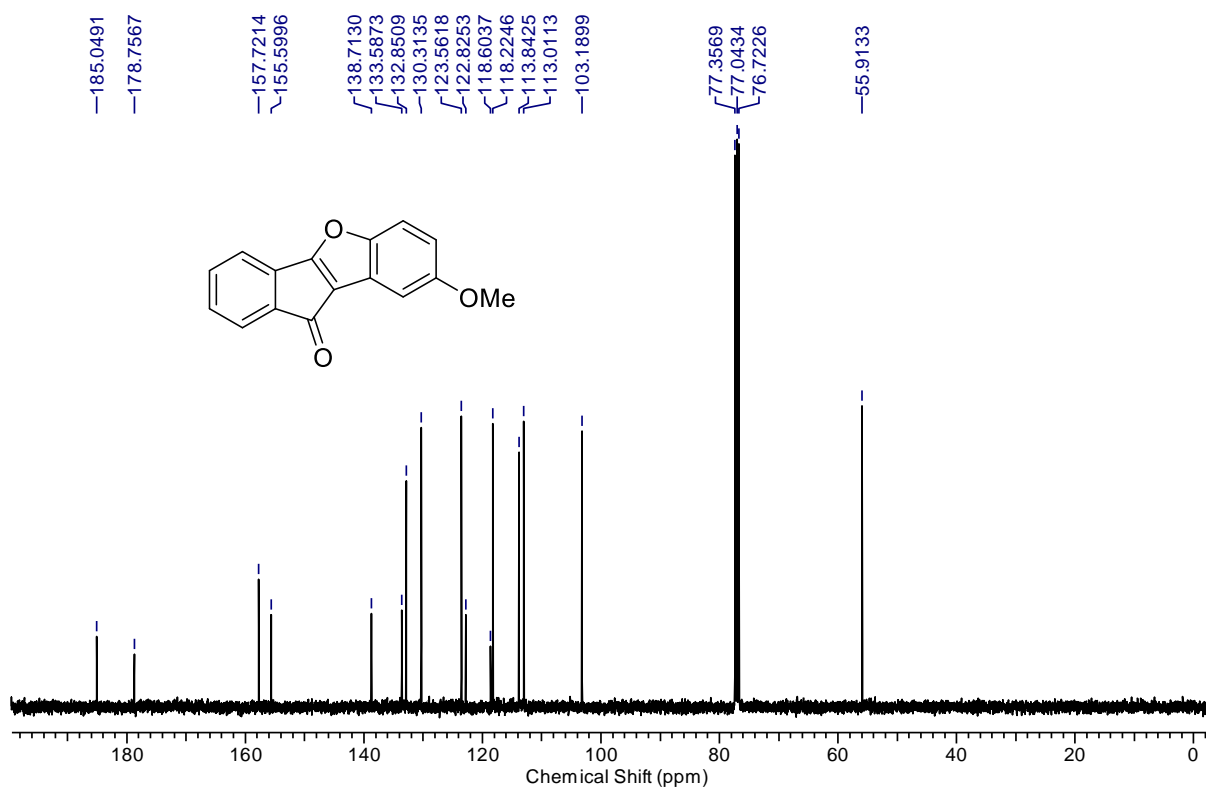
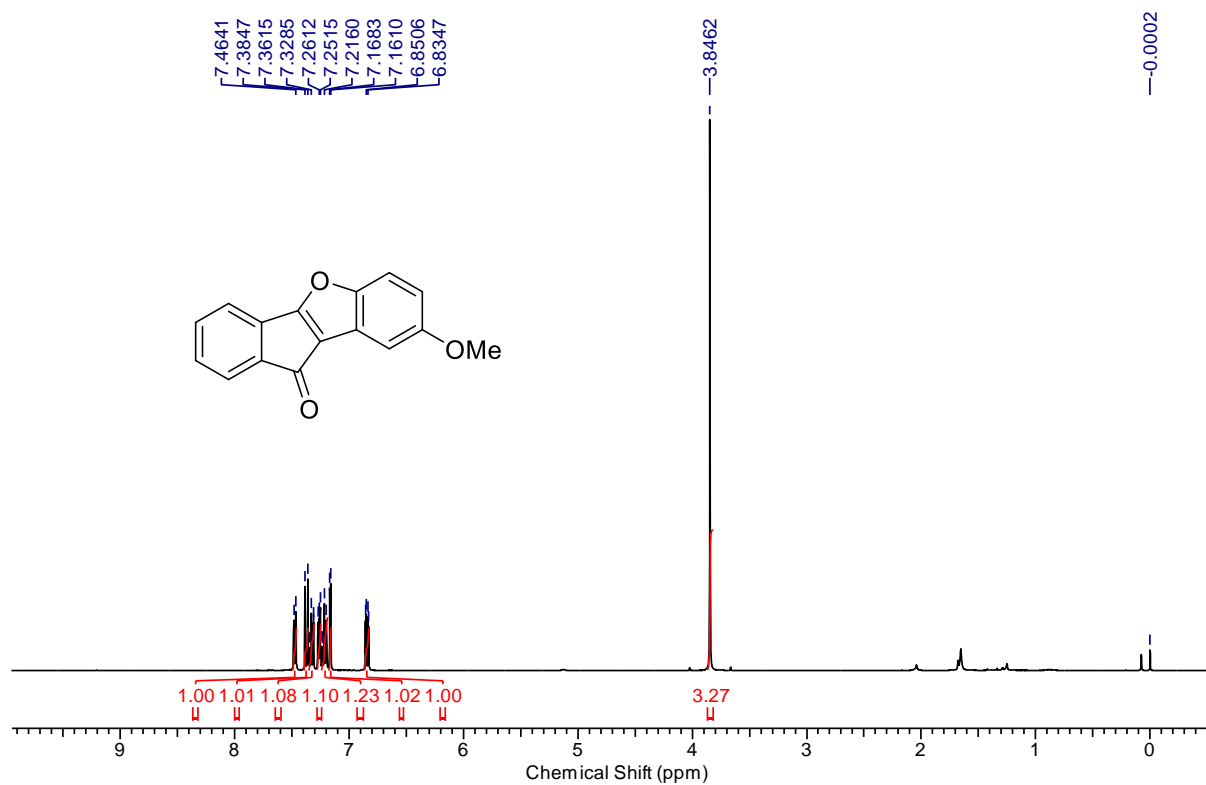
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3h**

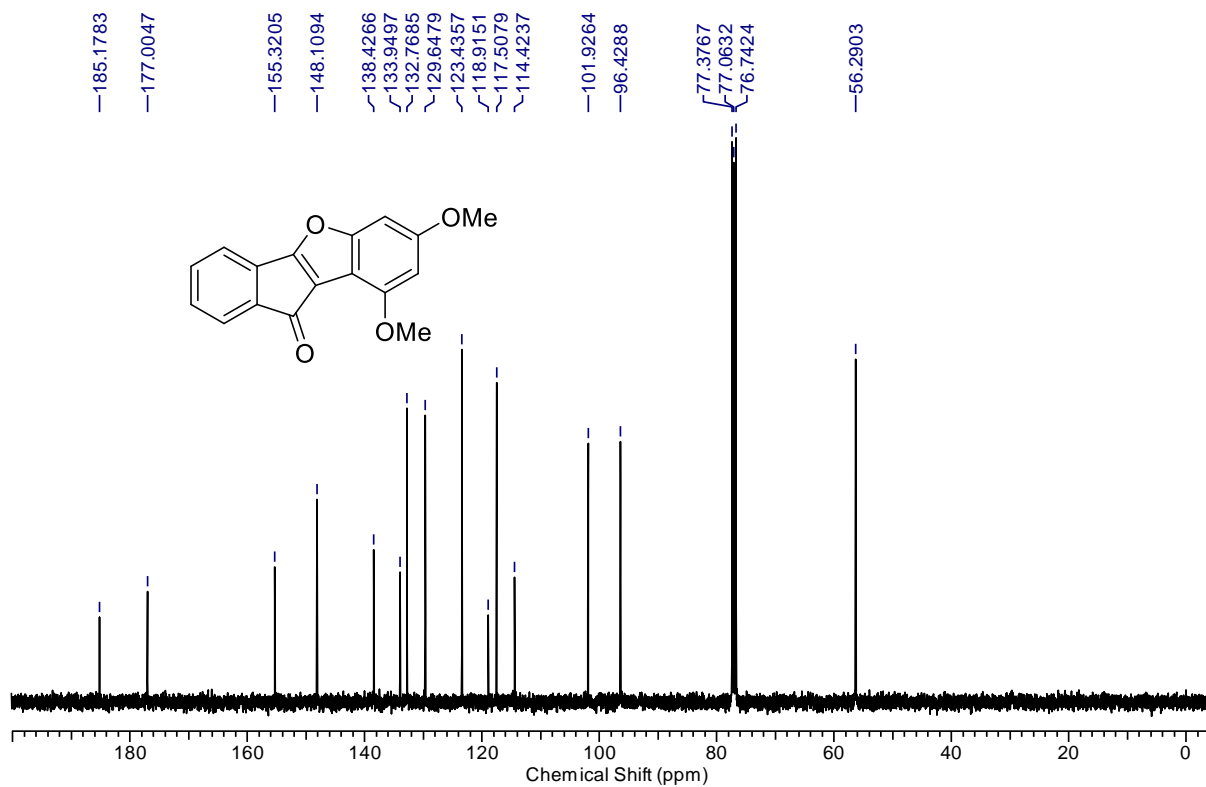
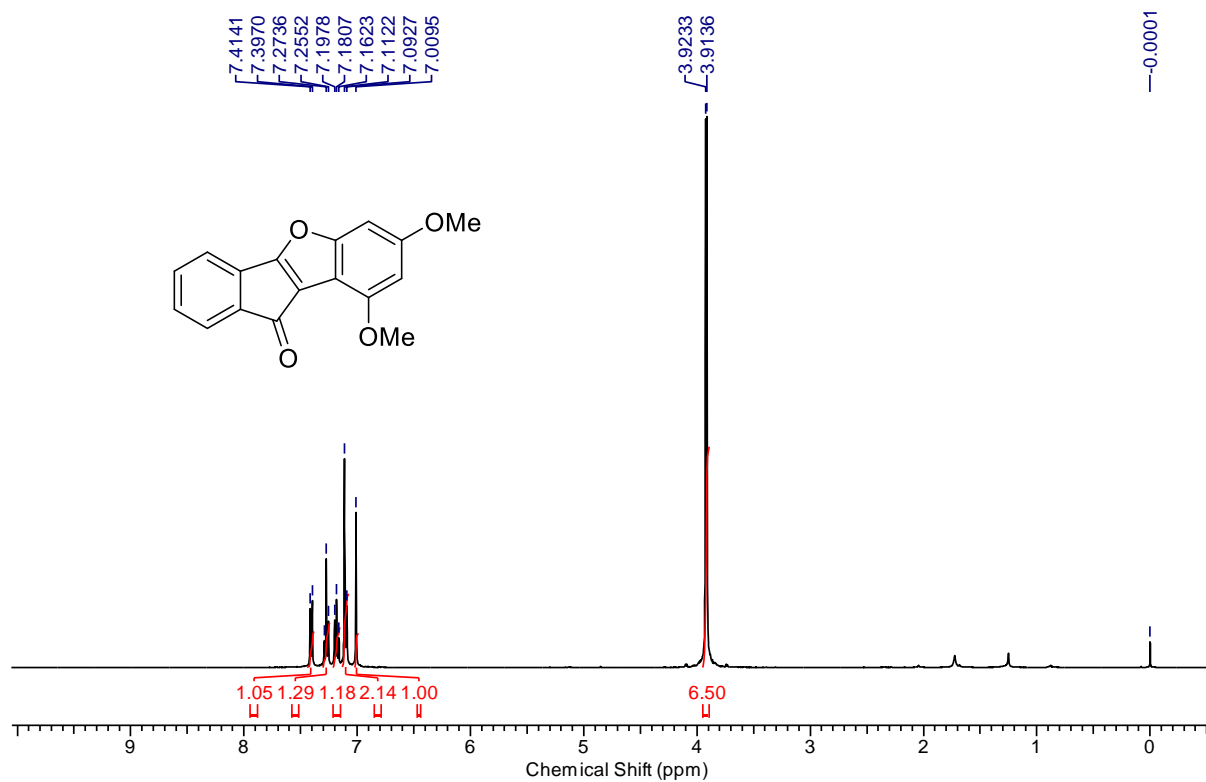
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3i**

^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3j**

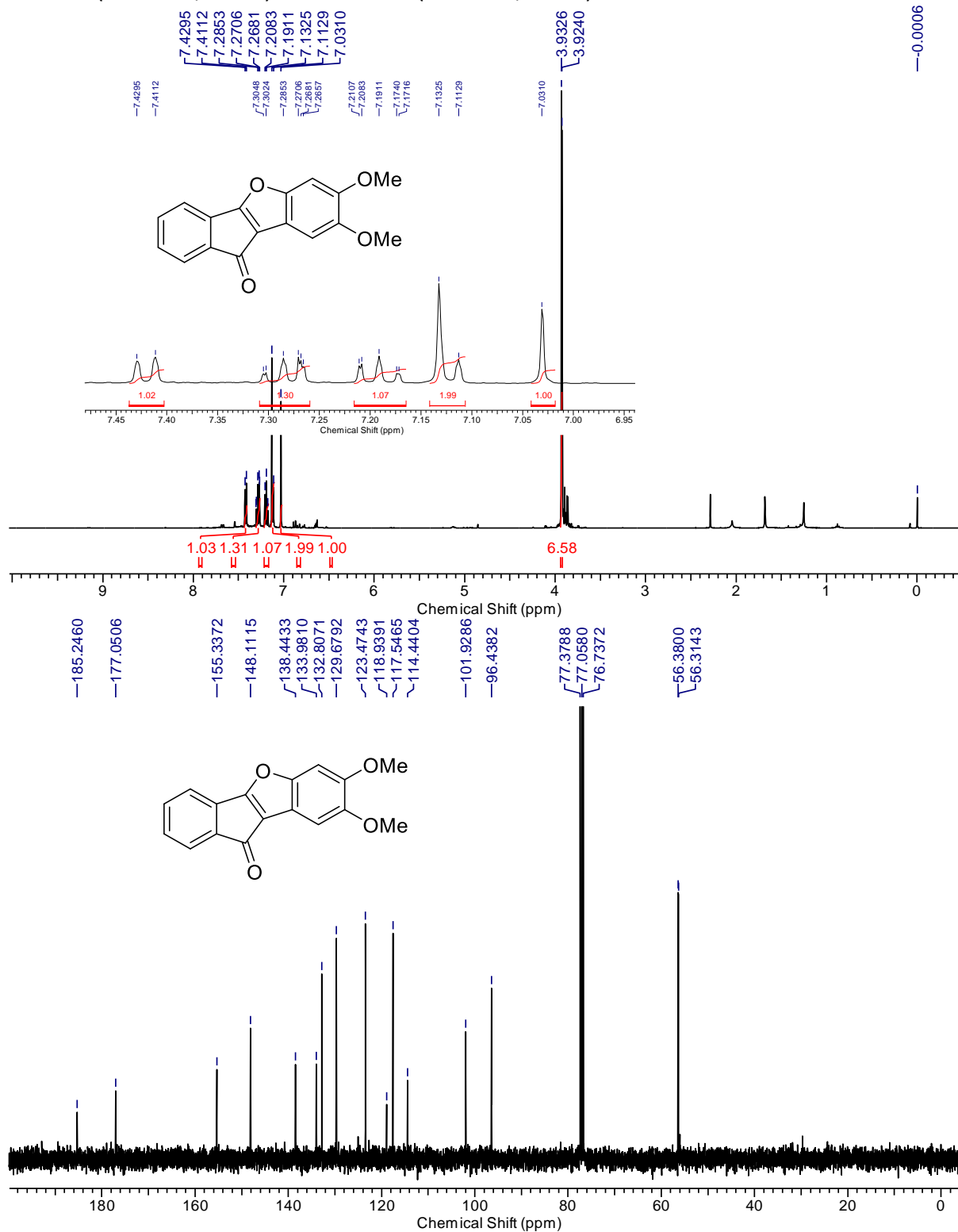


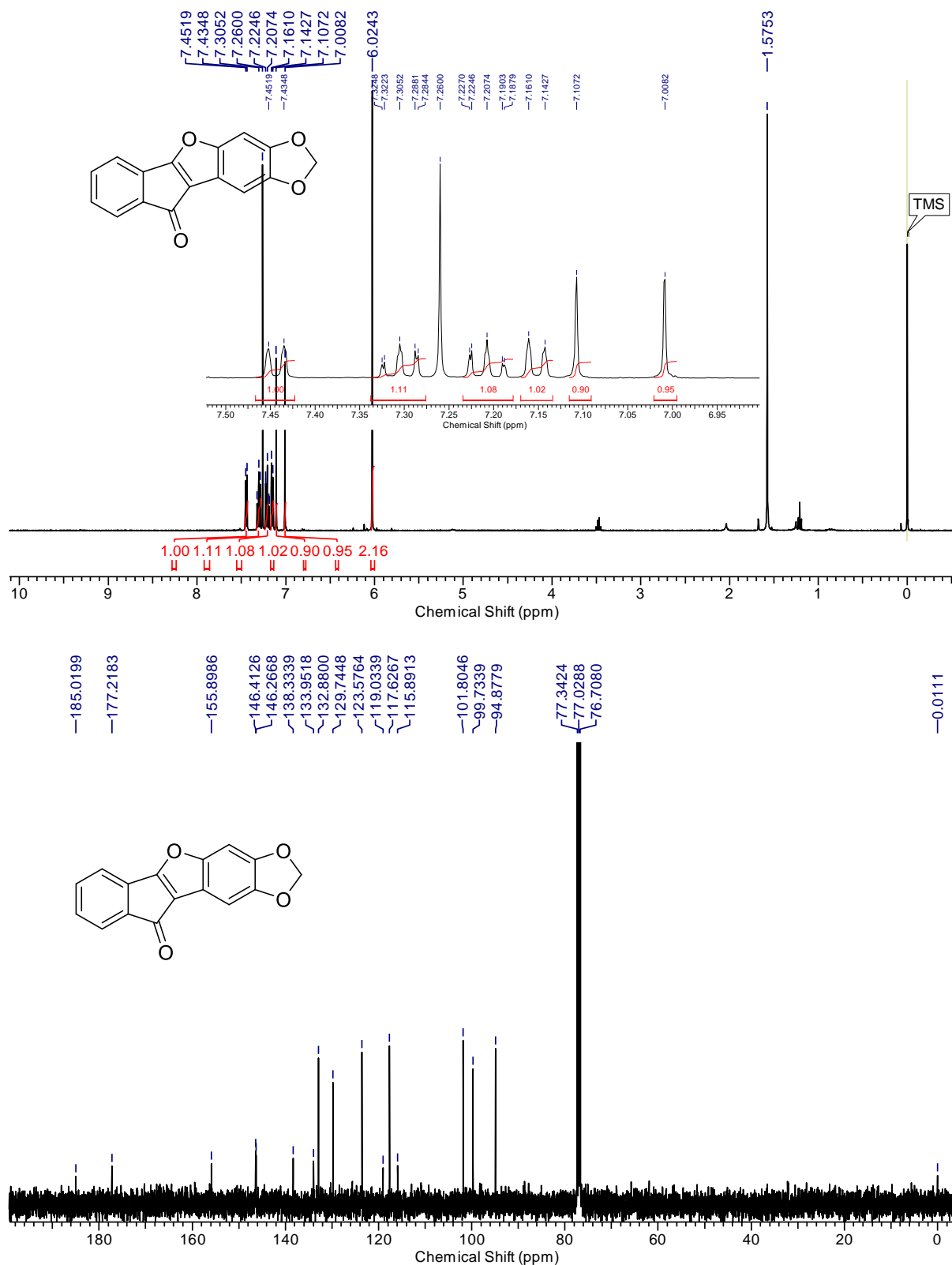
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3k**



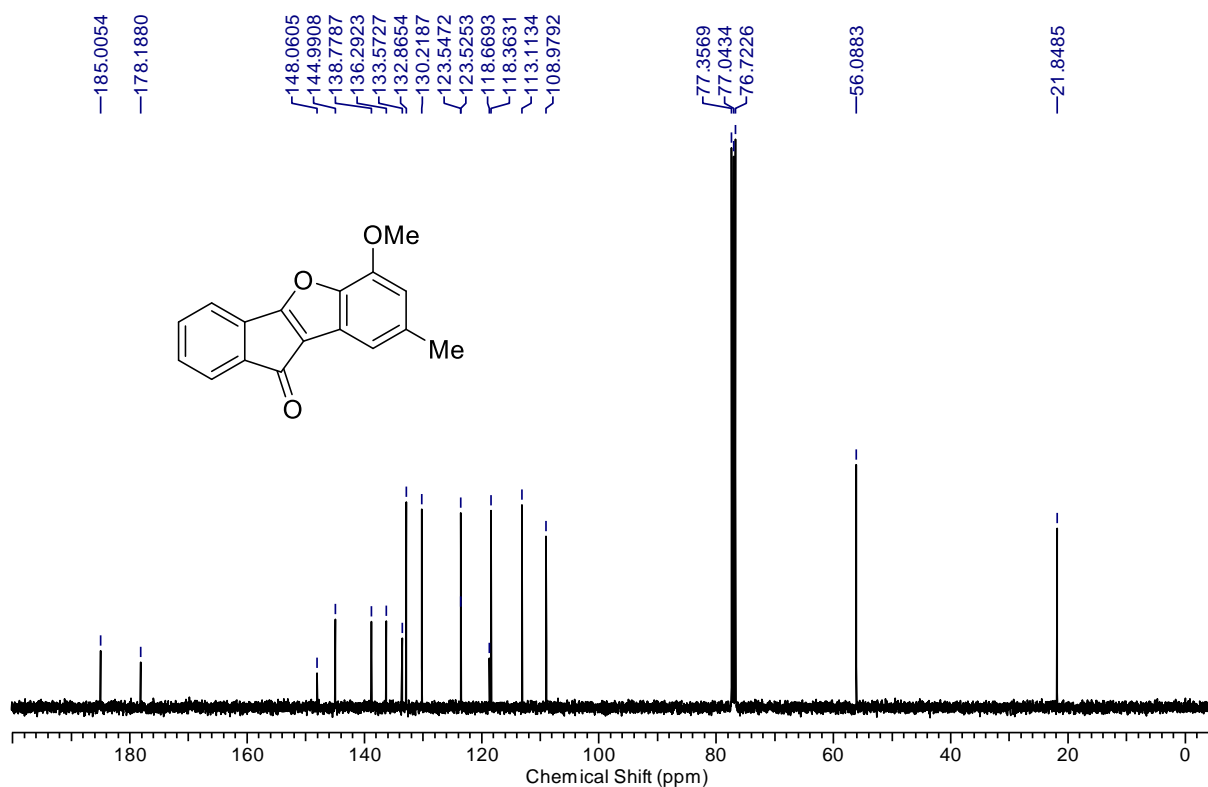
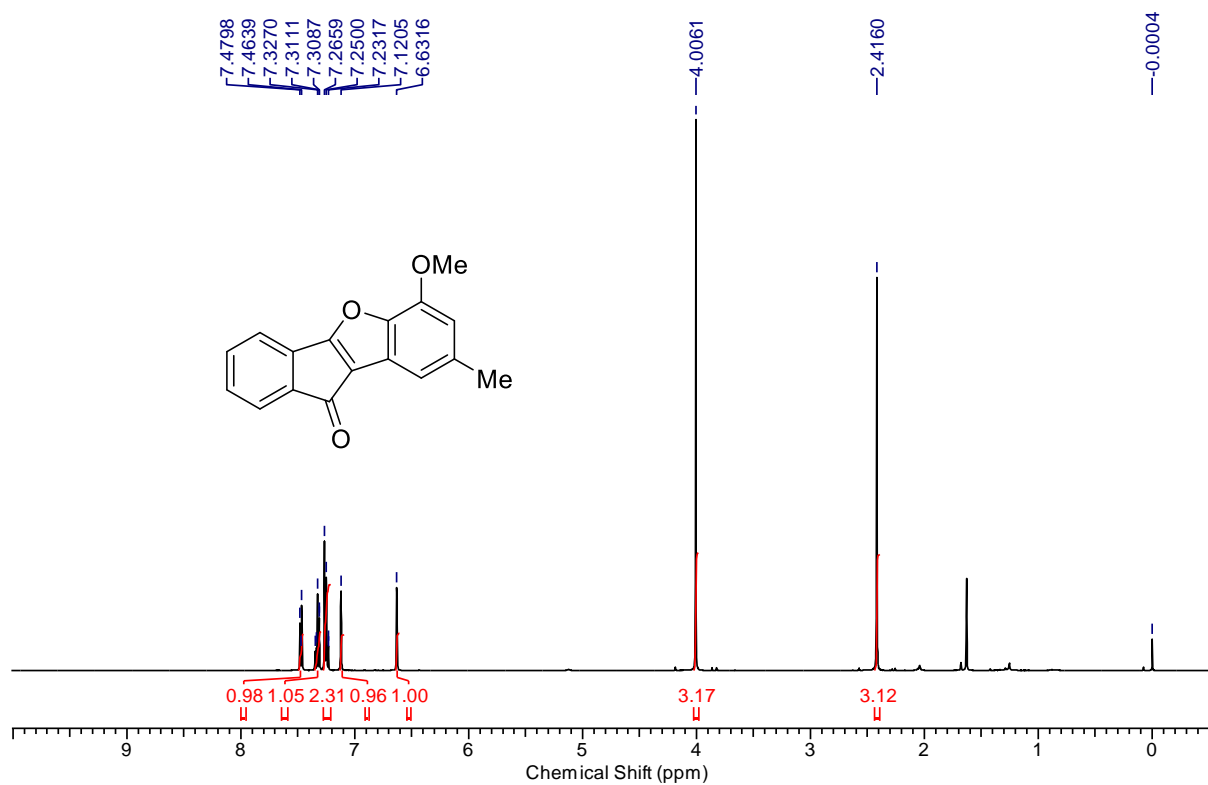
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3I**

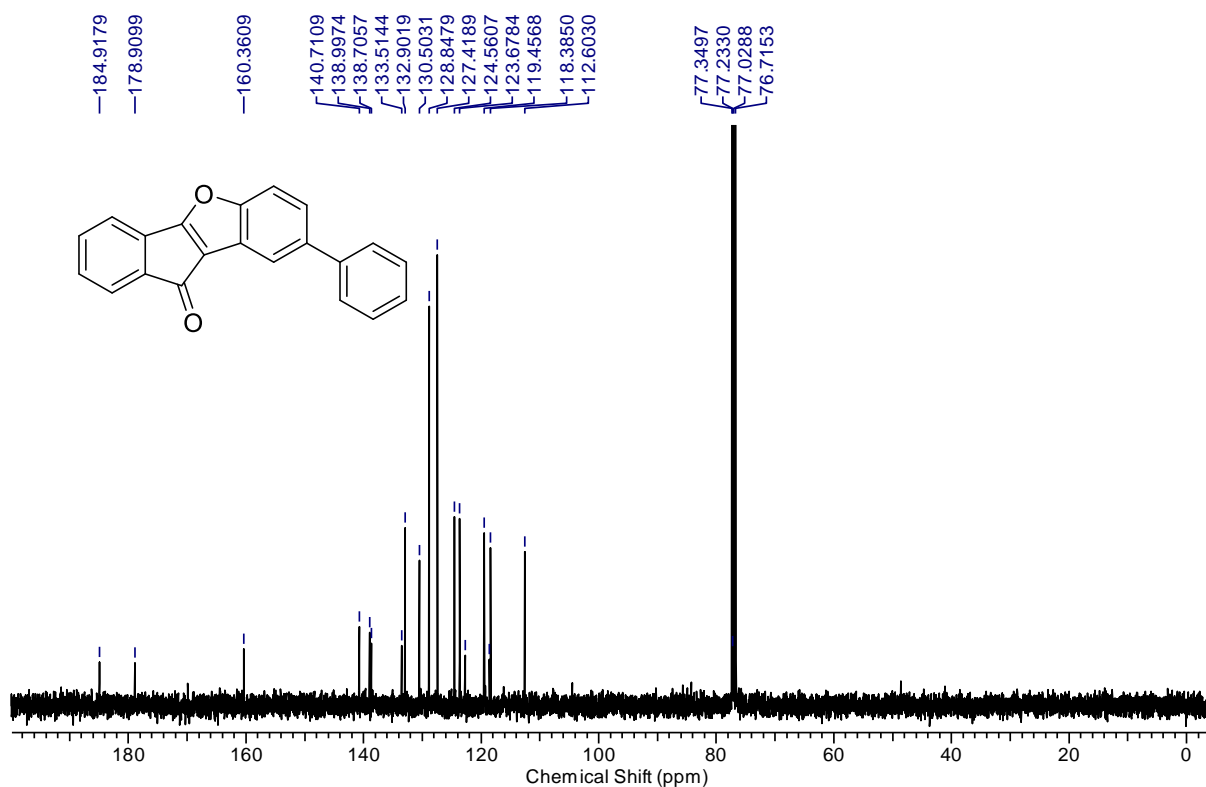
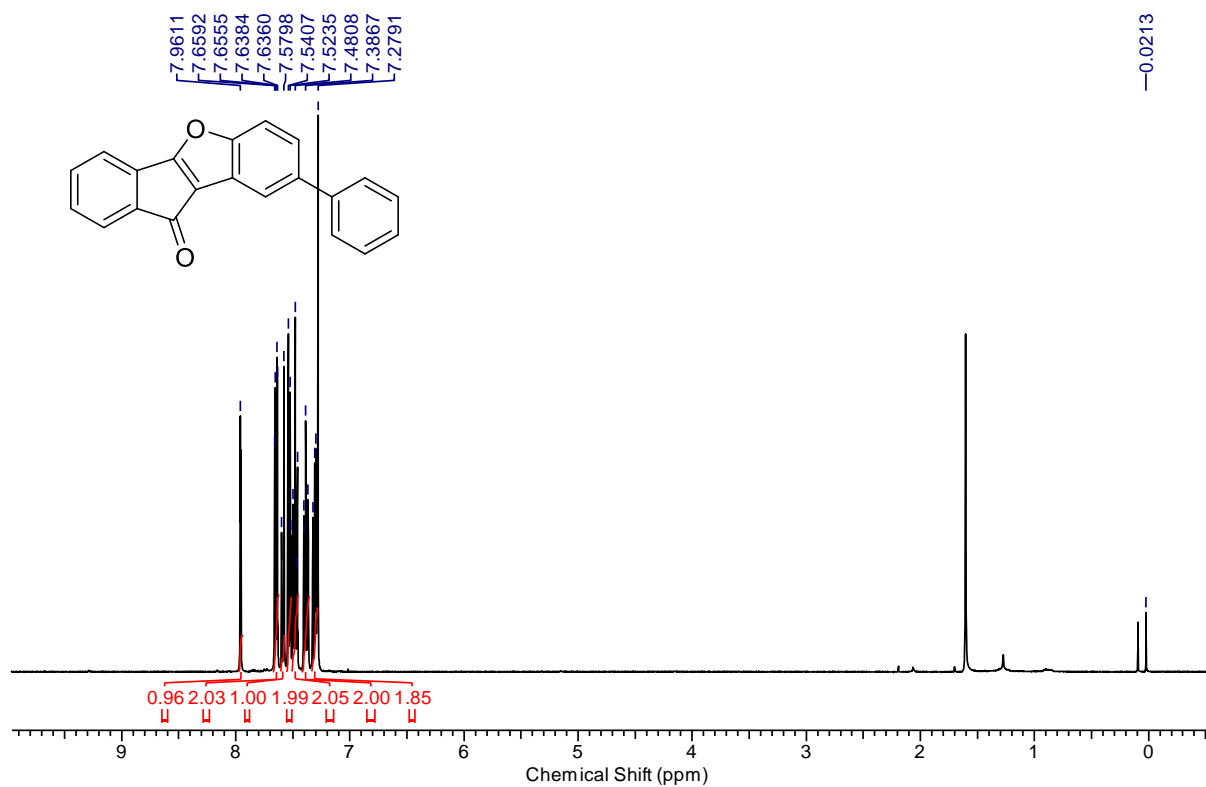
¹H NMR (400 MHz, CDCl₃) and ¹³C NMR (100 MHz, CDCl₃) of **3m**



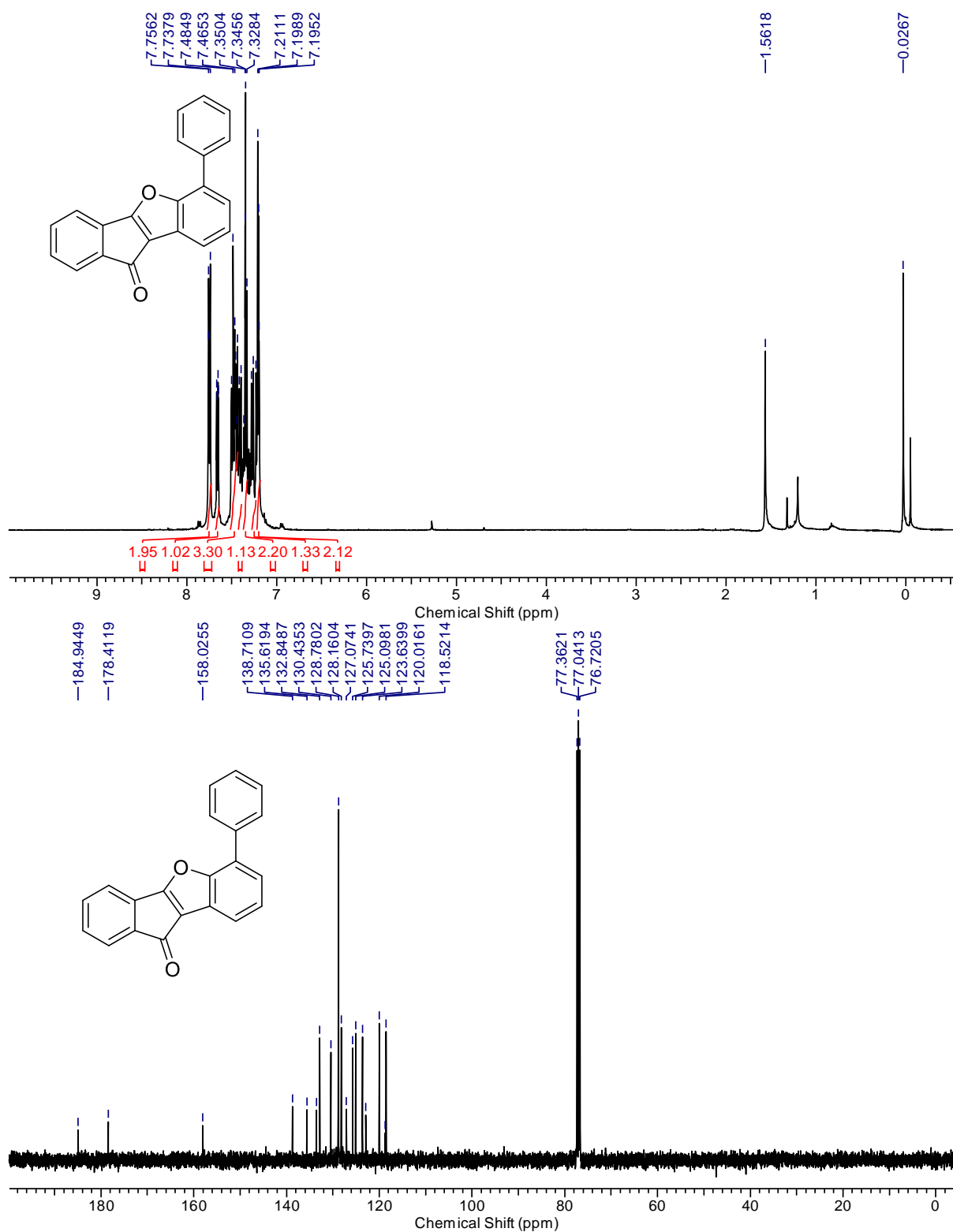
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3n**

^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3o**

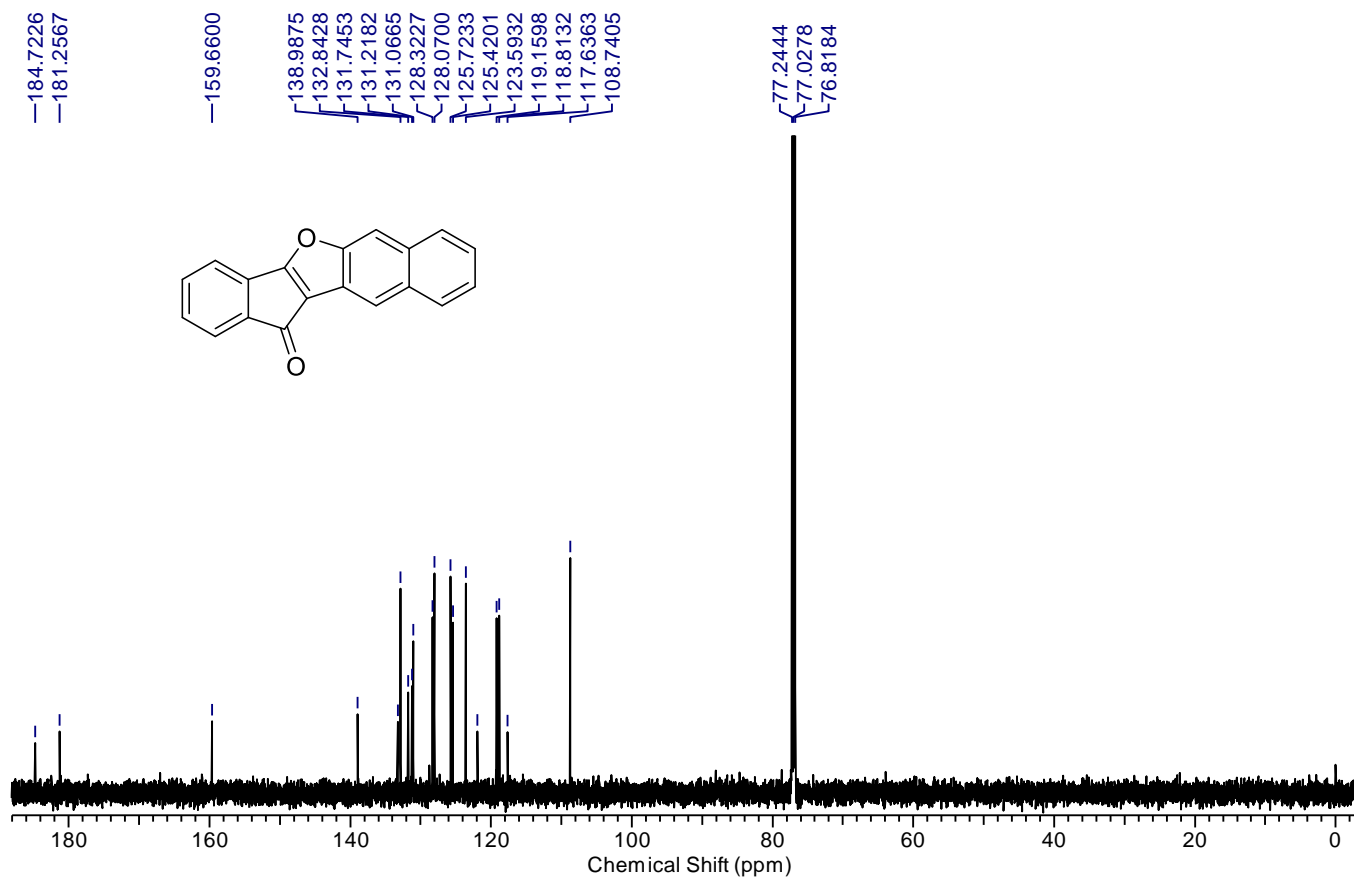
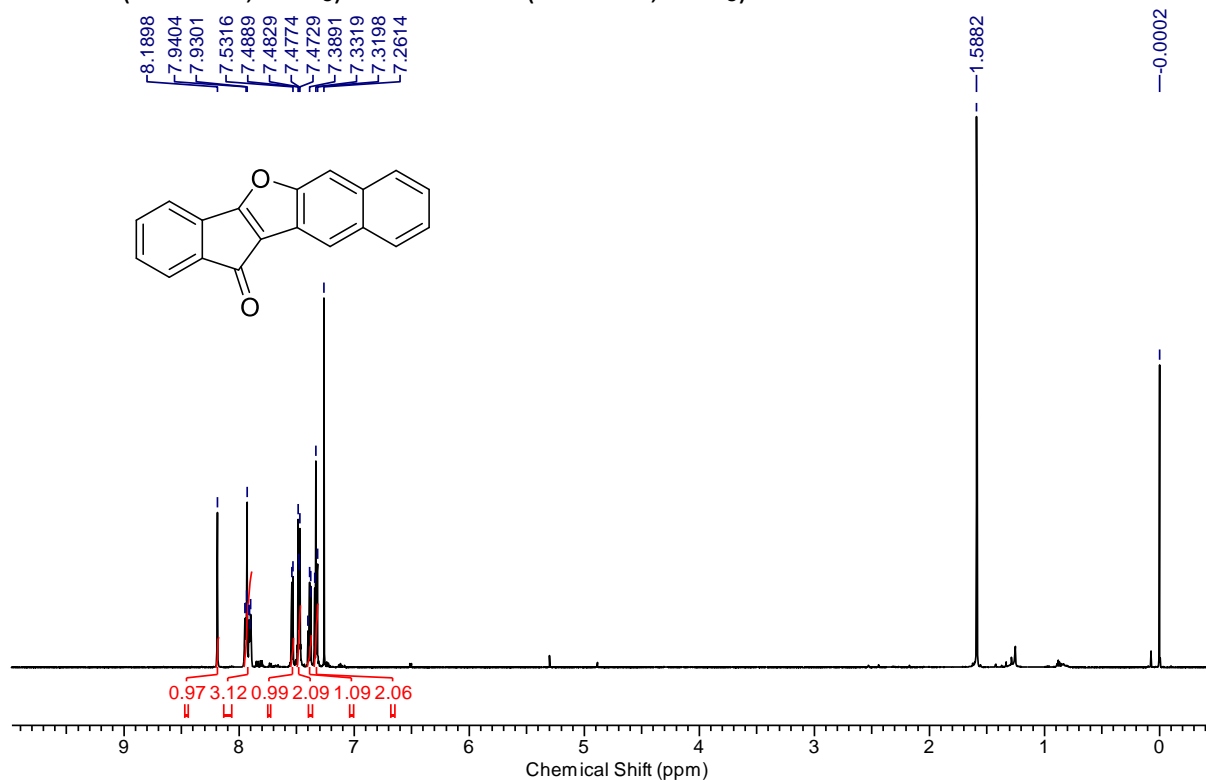


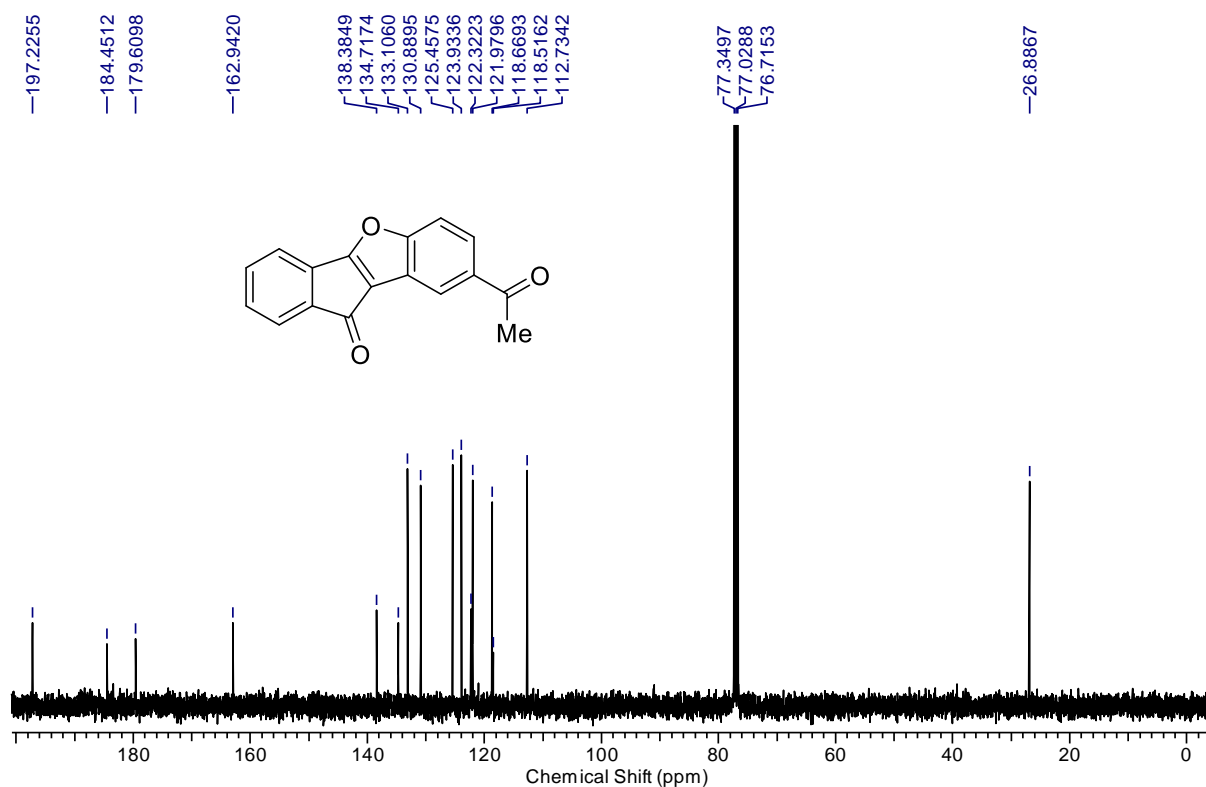
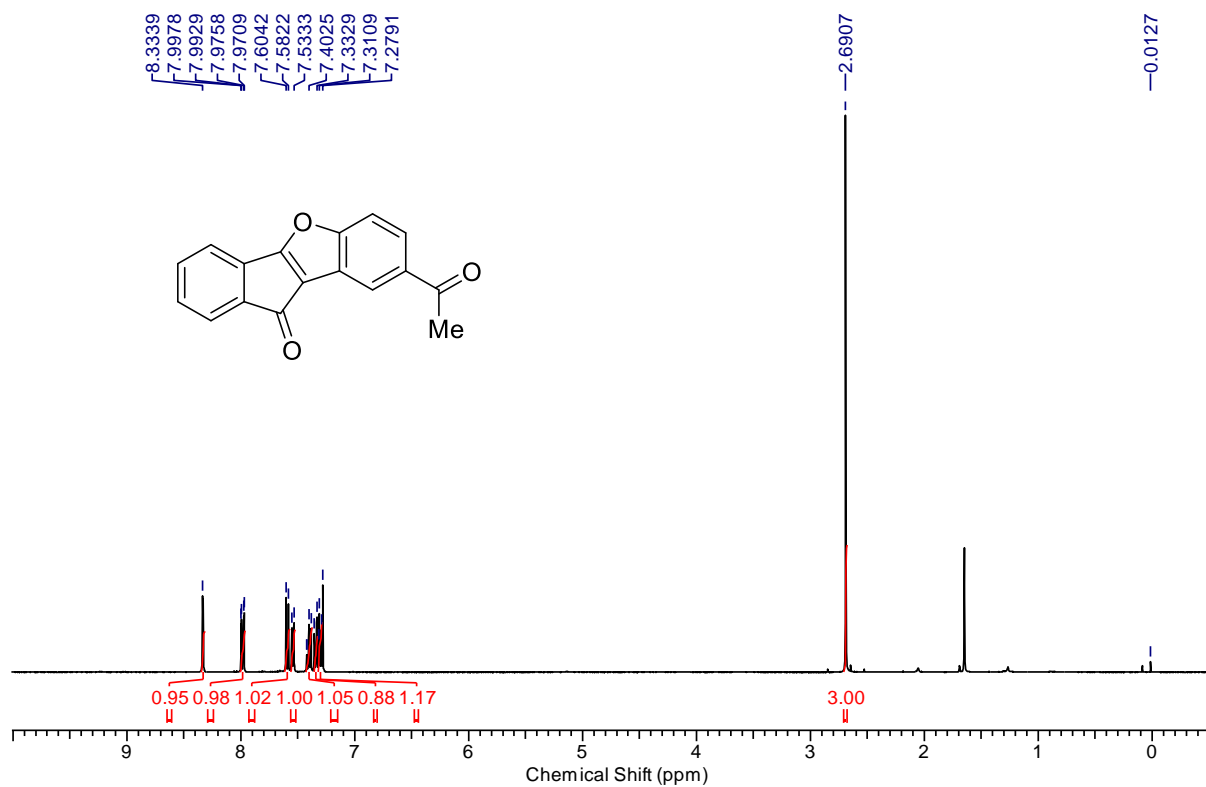
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3p**

^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3q**

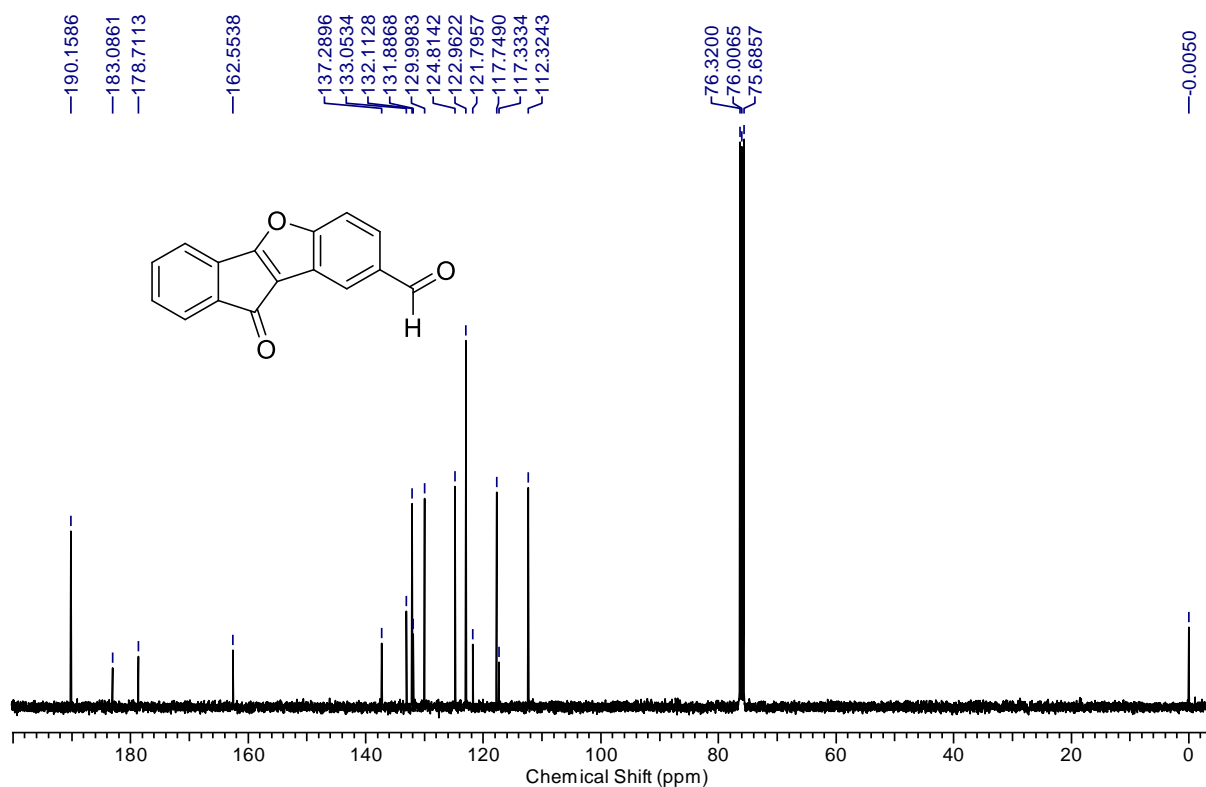
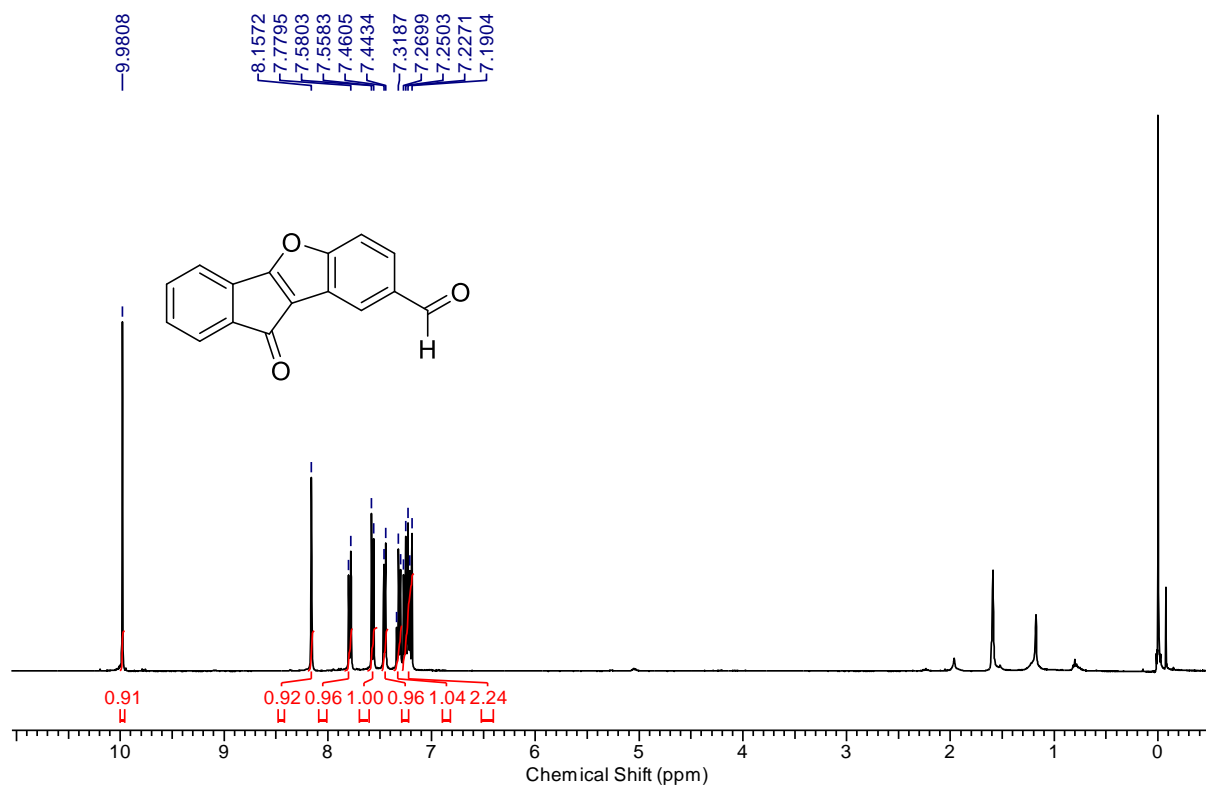


^1H NMR (600 MHz, CDCl_3) and ^{13}C NMR (150 MHz, CDCl_3) of **3r**

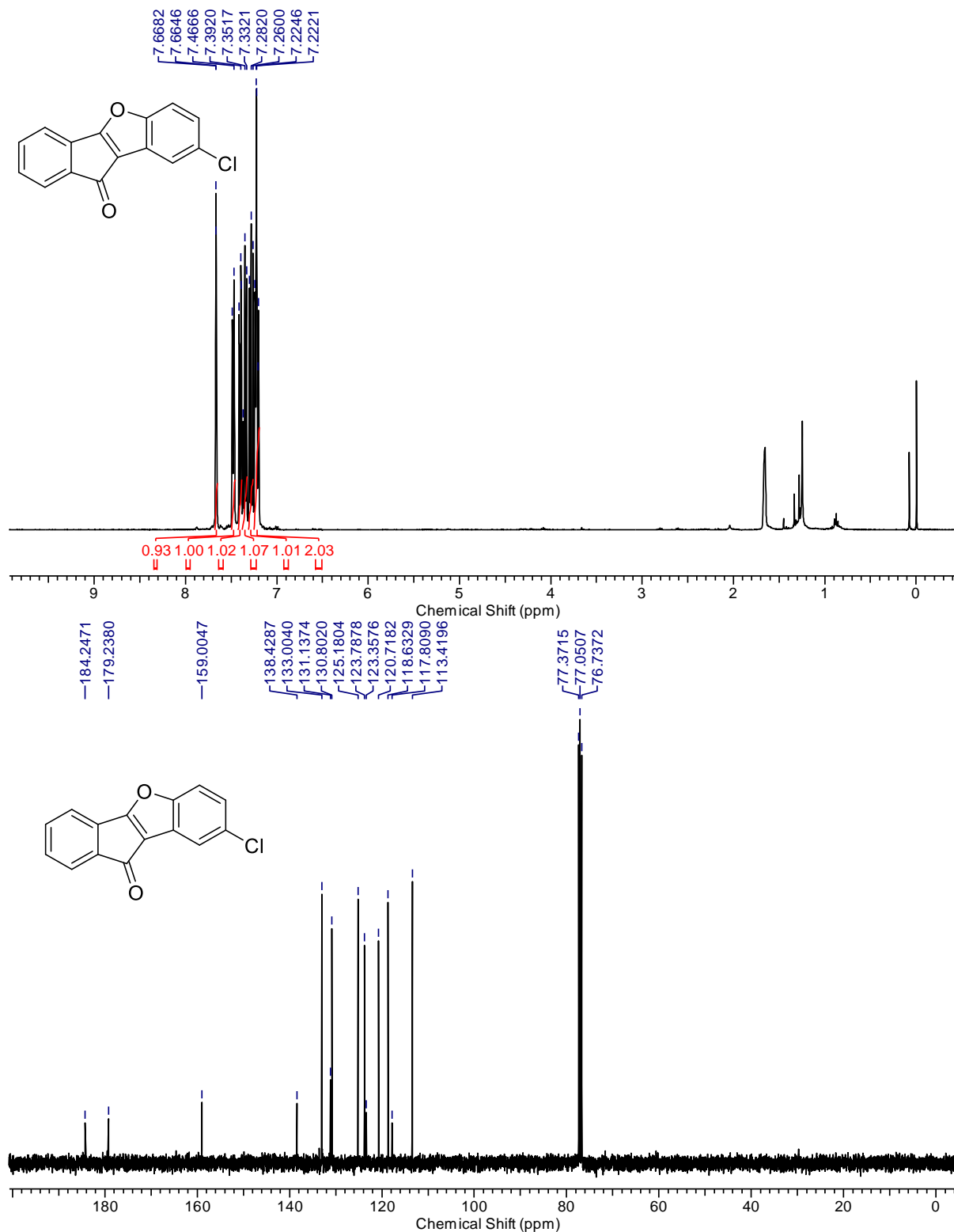


^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3s**

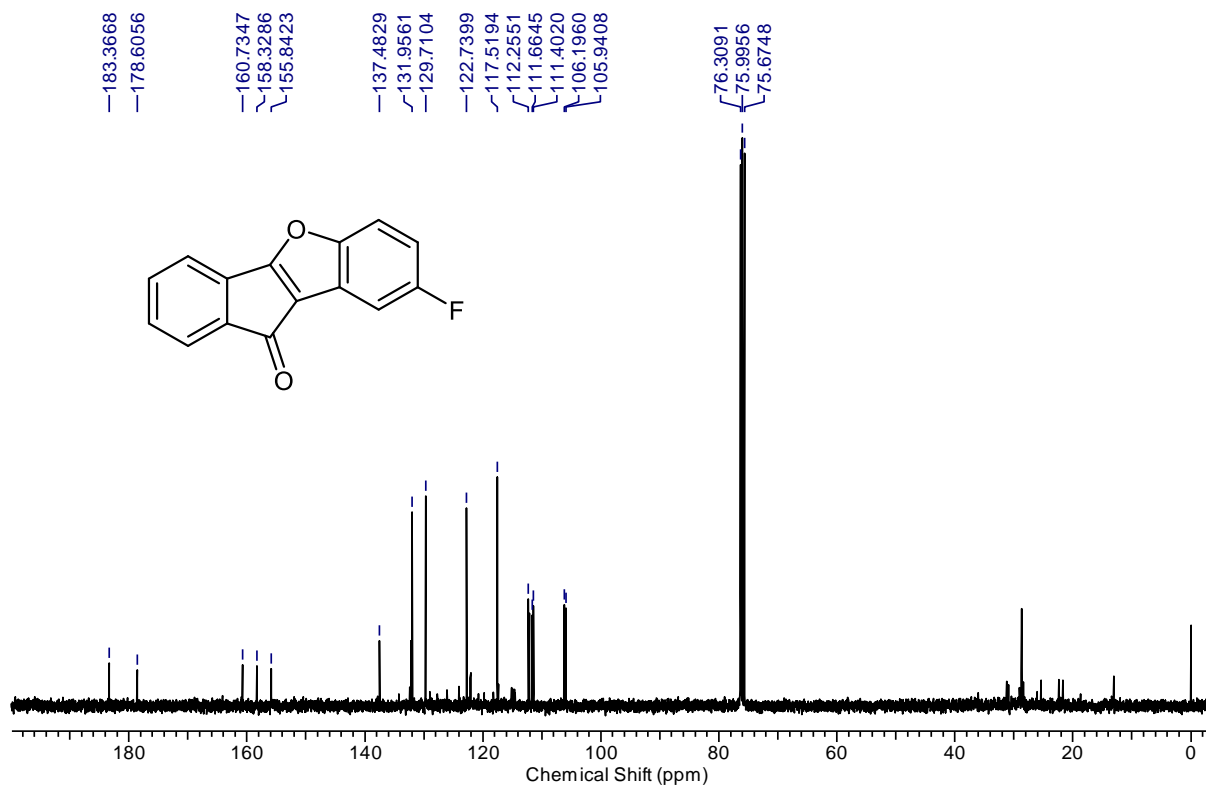
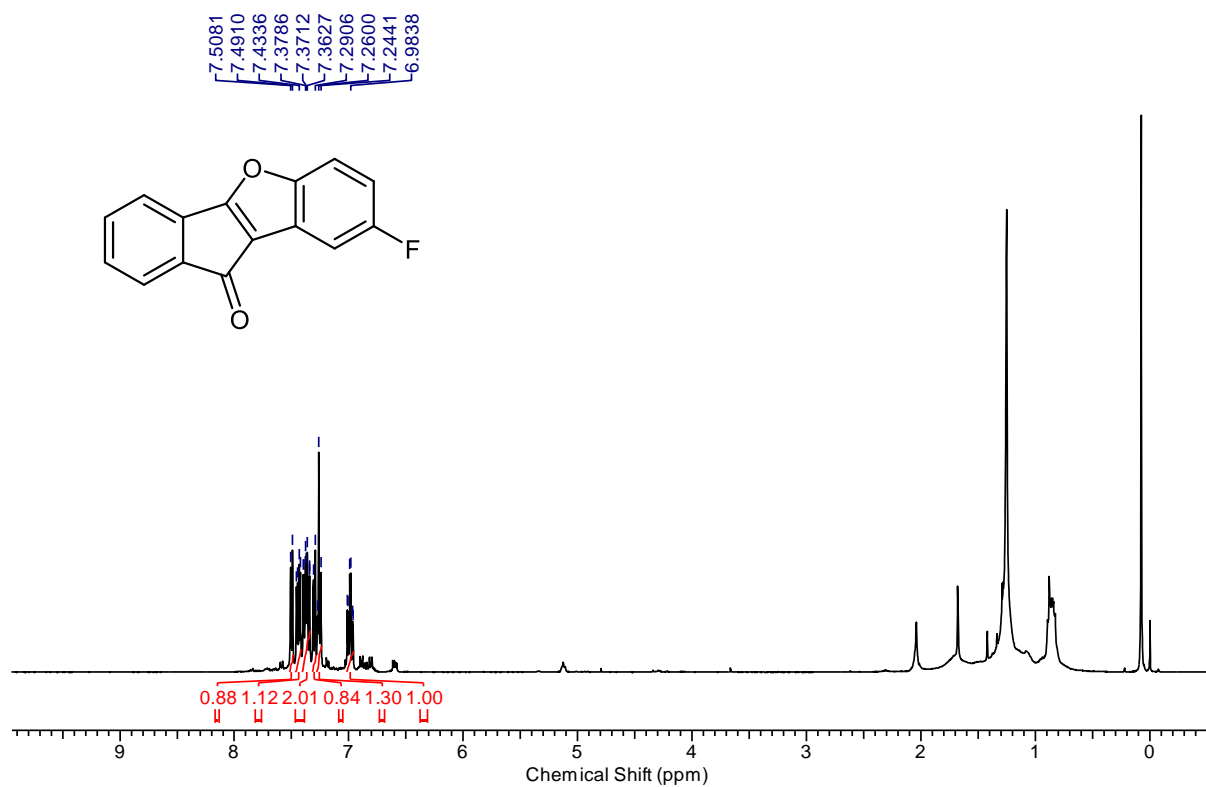
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3t**

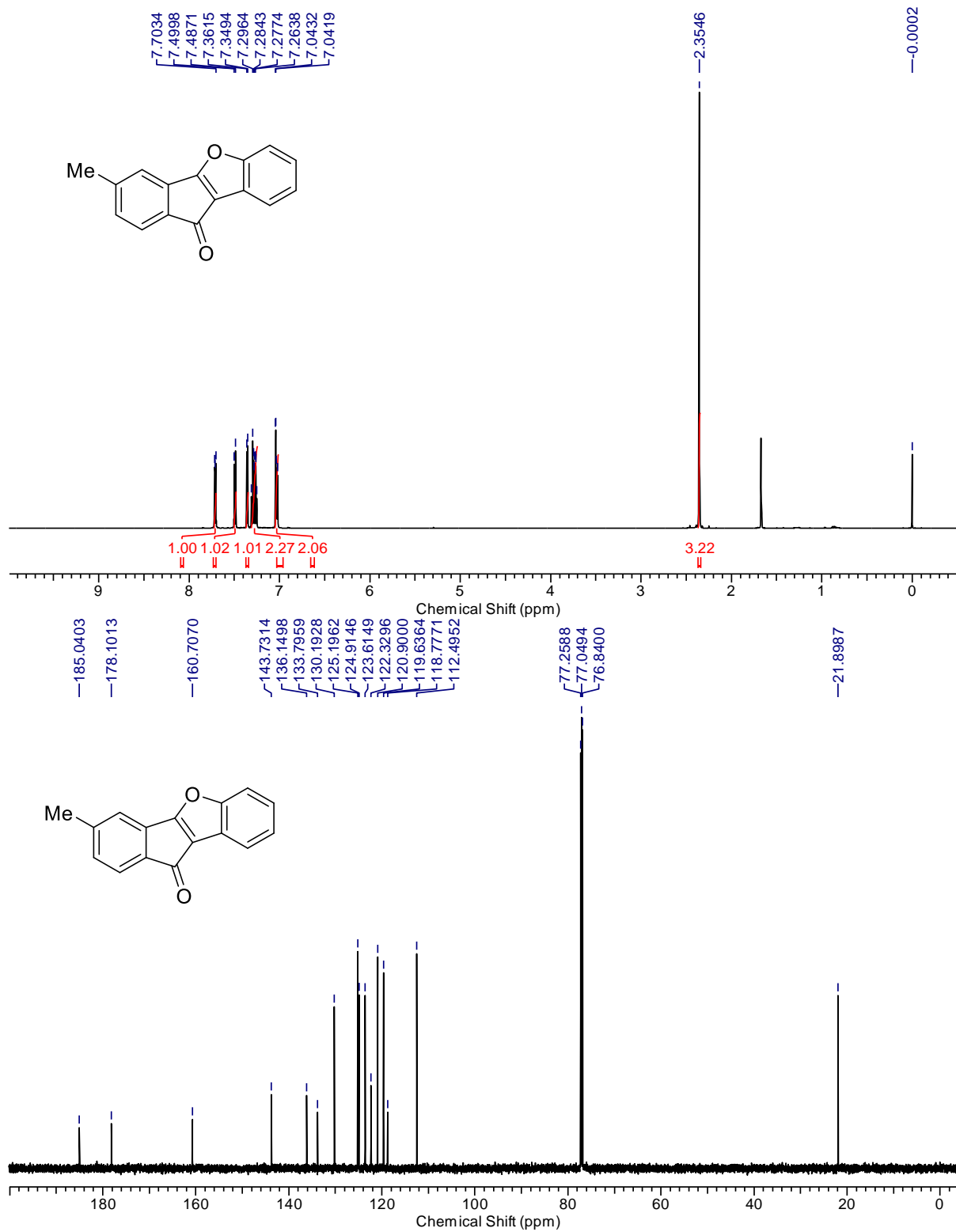


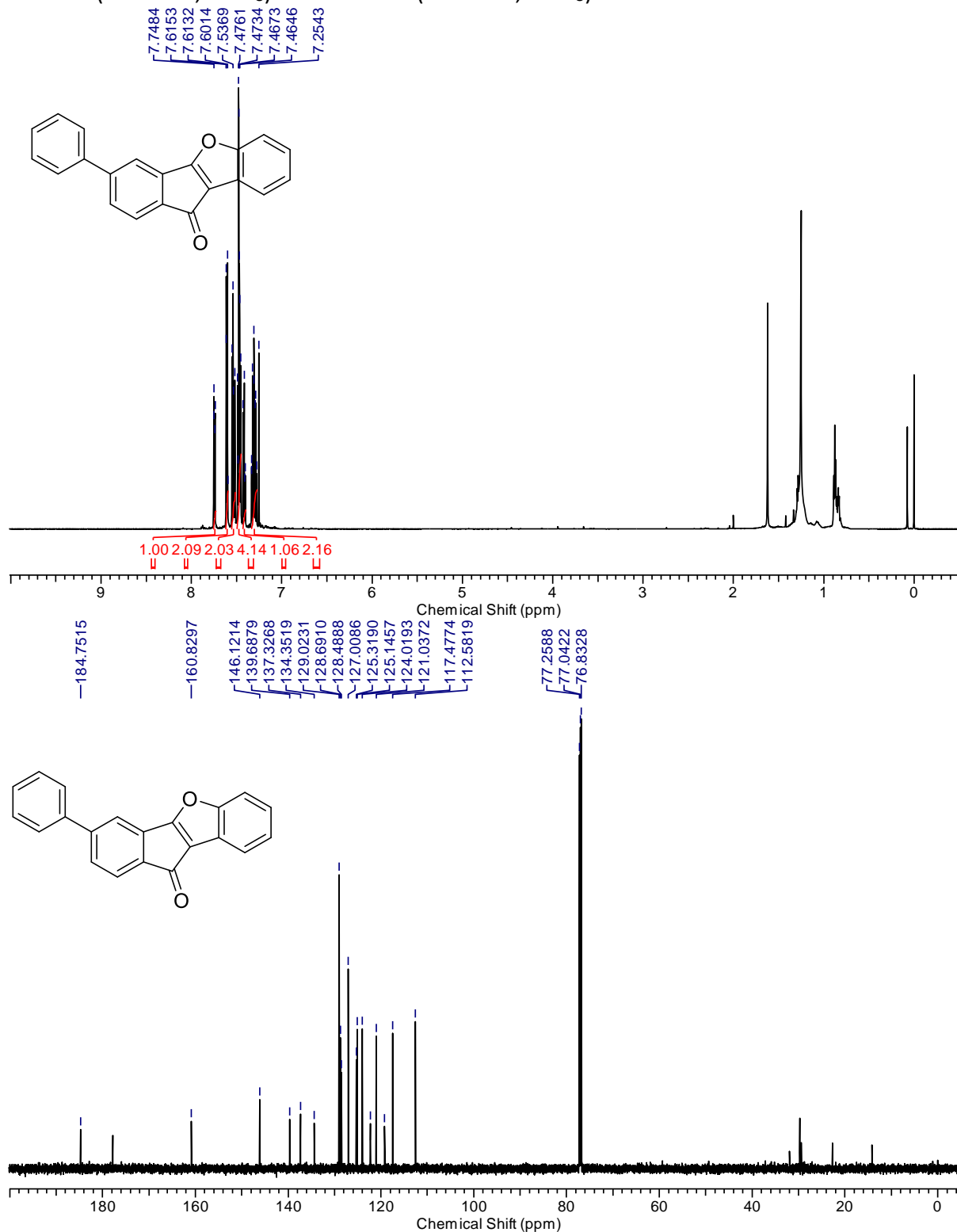
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3u**

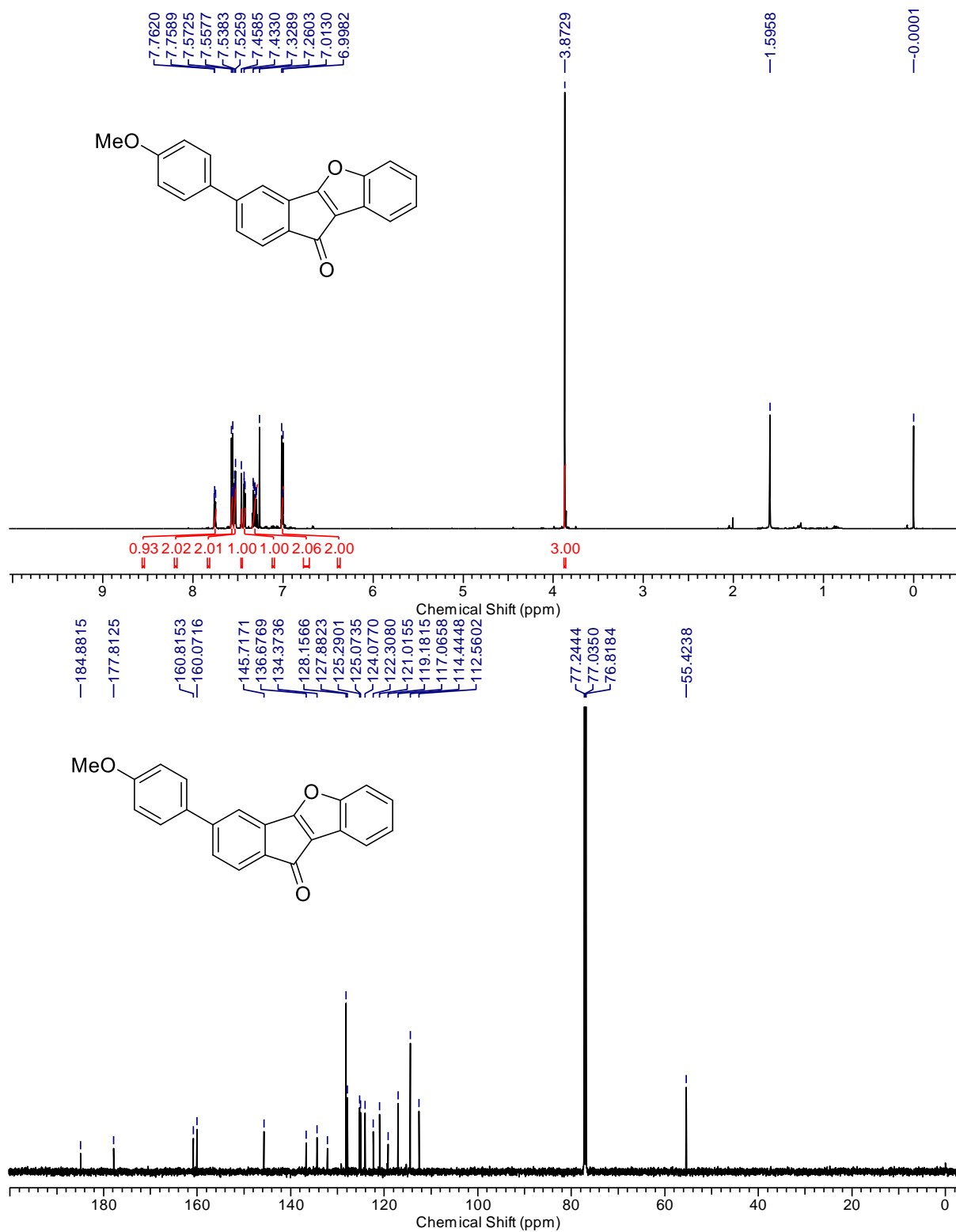


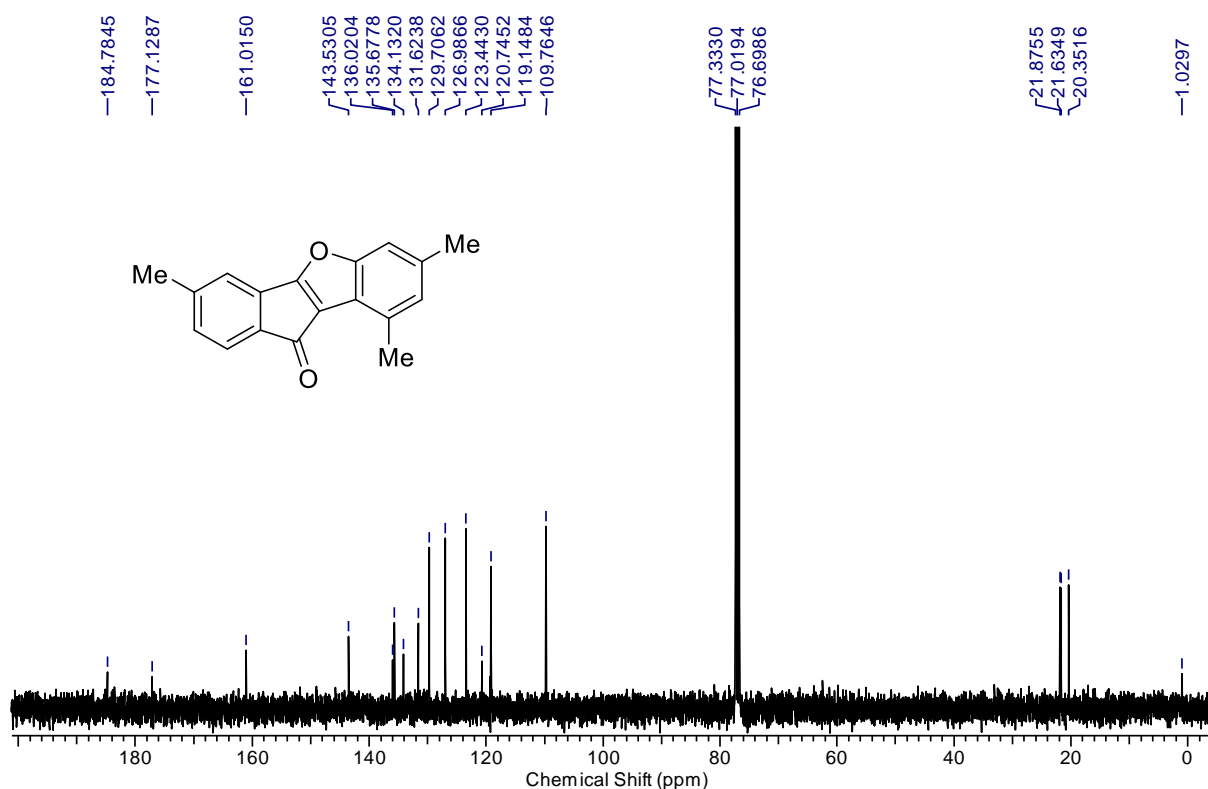
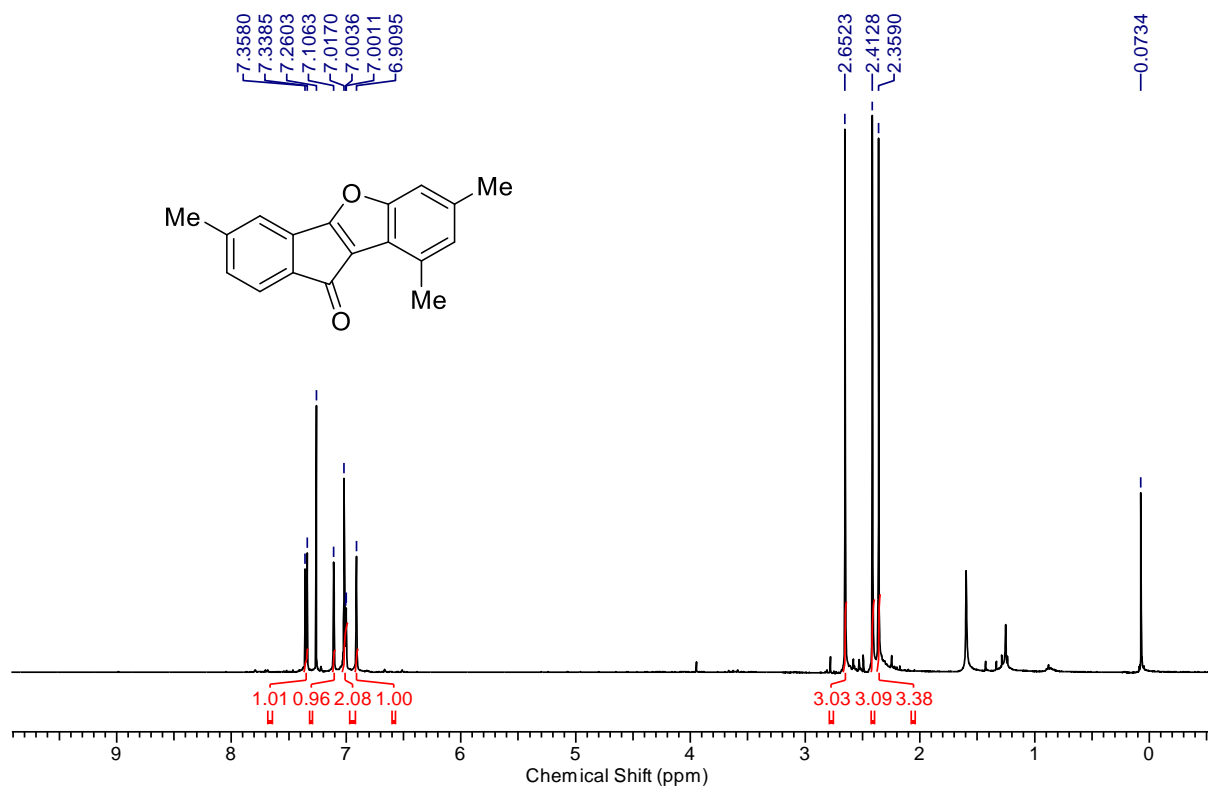
^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3v**

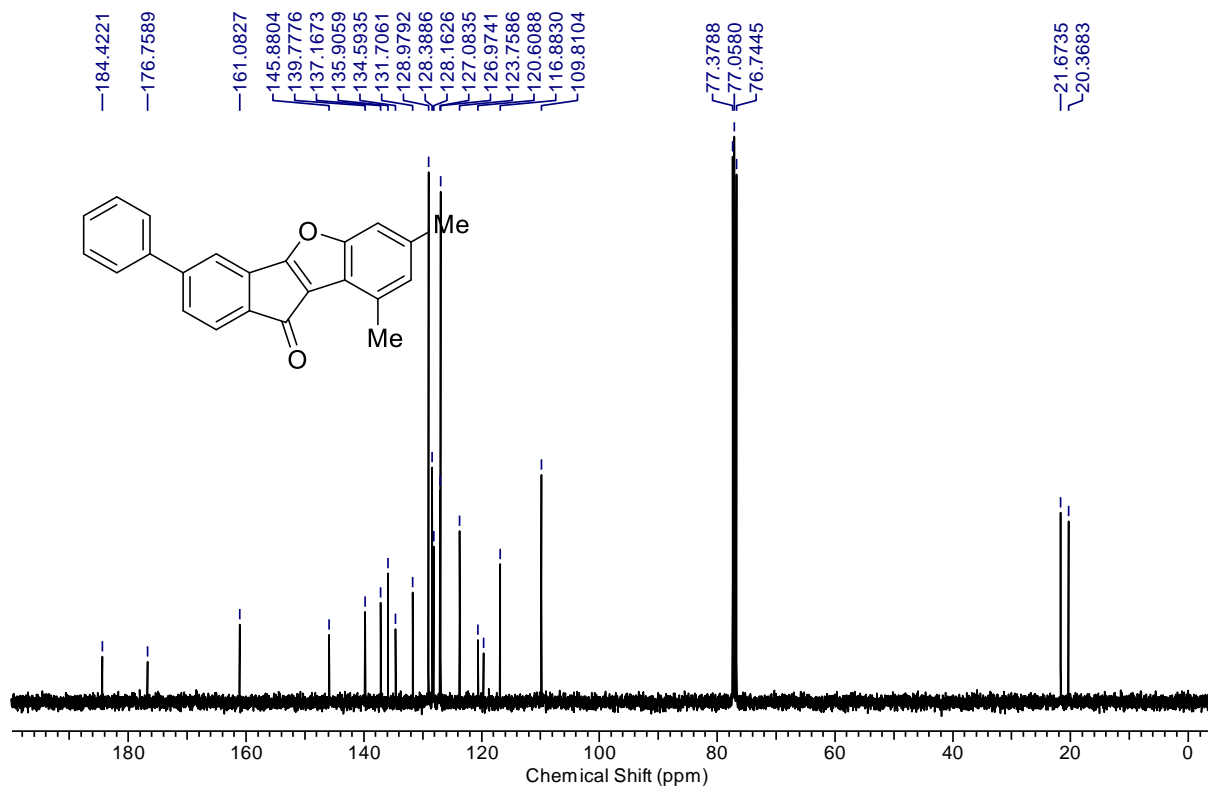
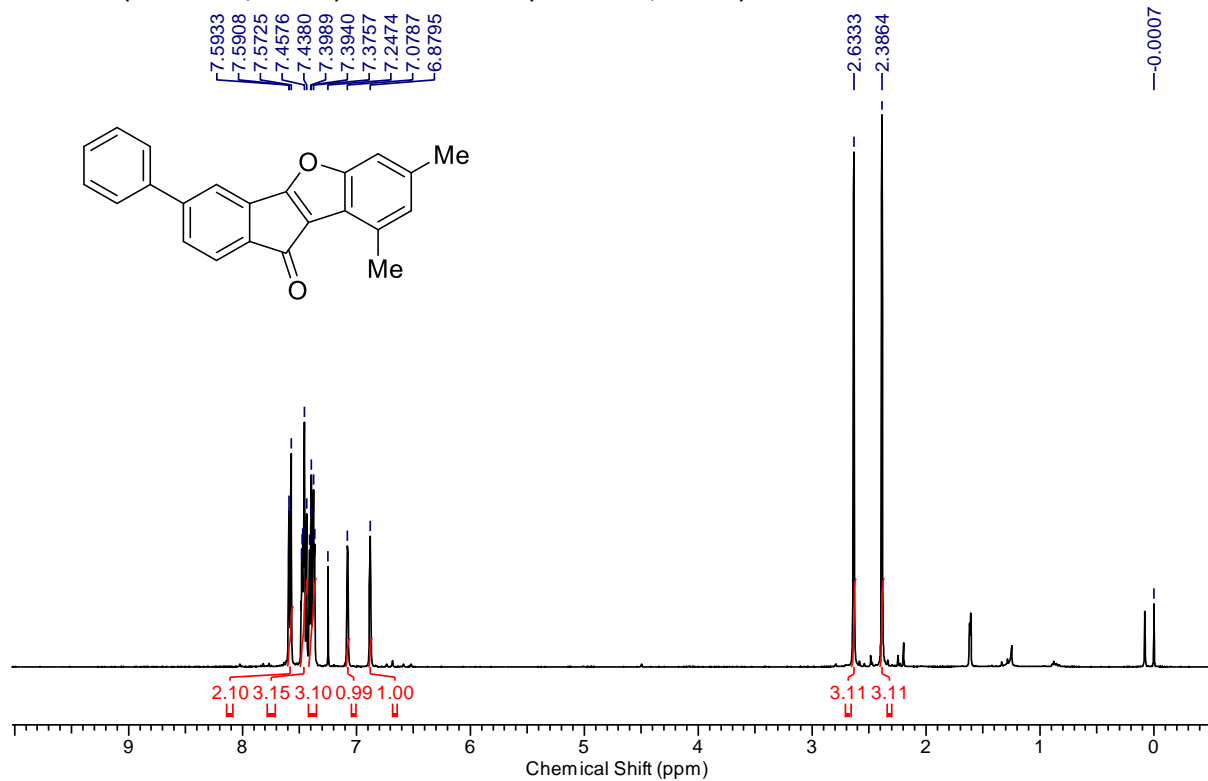


^1H NMR (600 MHz, CDCl_3) and ^{13}C NMR (150 MHz, CDCl_3) of **3aa**

^1H NMR (600 MHz, CDCl_3) and ^{13}C NMR (150 MHz, CDCl_3) of **3ab**

^1H NMR (600 MHz, CDCl_3) and ^{13}C NMR (150 MHz, CDCl_3) of **3ac**

^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3ad**

^1H NMR (400 MHz, CDCl_3) and ^{13}C NMR (100 MHz, CDCl_3) of **3ae**

^1H NMR (600 MHz, CDCl_3) and ^{13}C NMR (150 MHz, CDCl_3) of **4a**

