

Intramolecular [3+2] Nitronc Cycloaddition Reaction: Highly Regio and Diastereoselective Synthesis of Bicyclo[3.2.1]octane Scaffolds

Manickam Bakthadoss,* Mohammad Mushaf

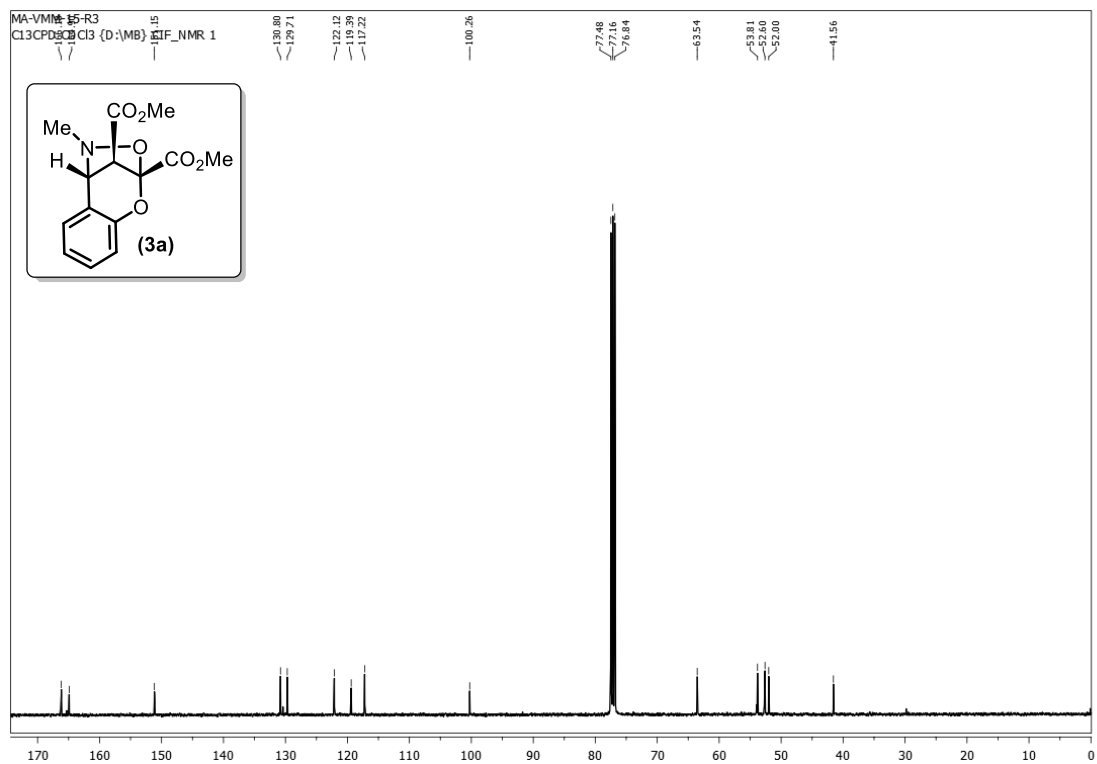
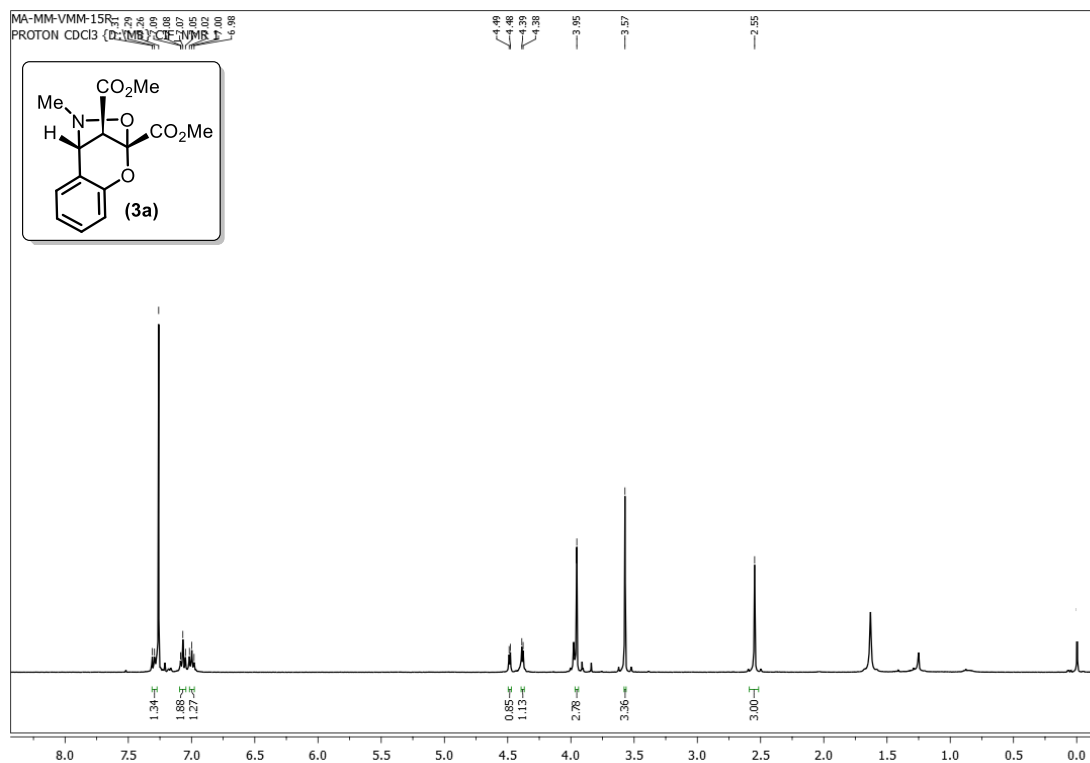
**Department of Chemistry, Pondicherry University, Pondicherry-605 014, India*

E-mail: bhakthadoss@yahoo.com

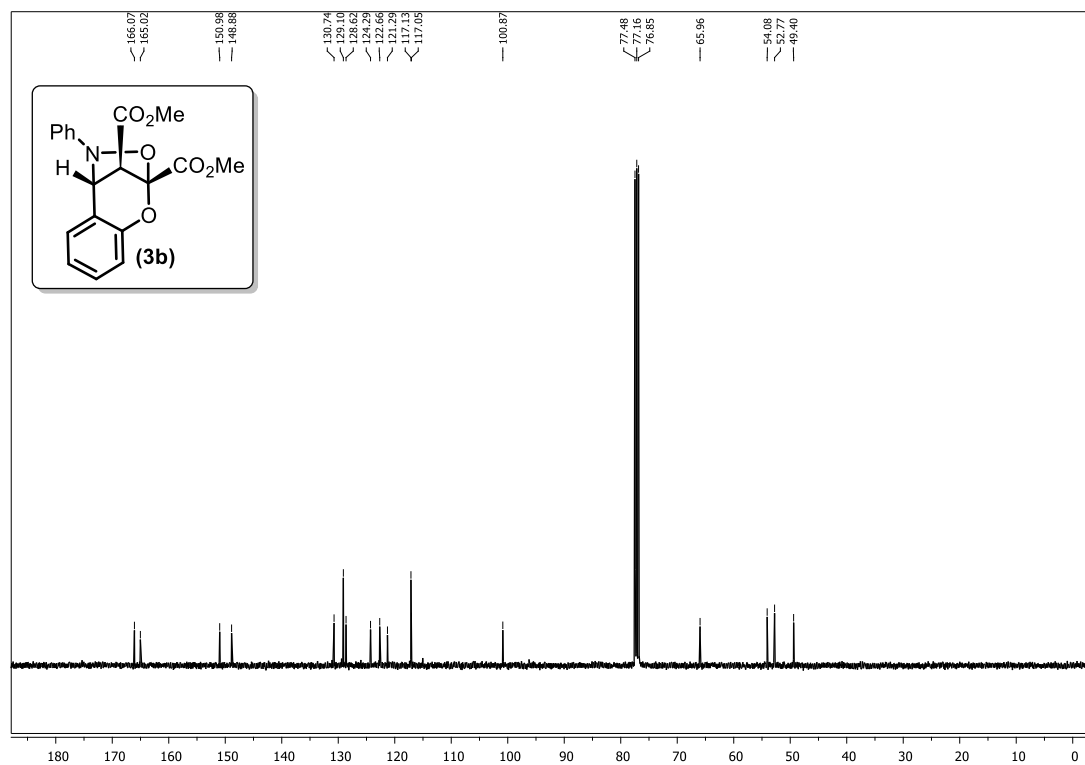
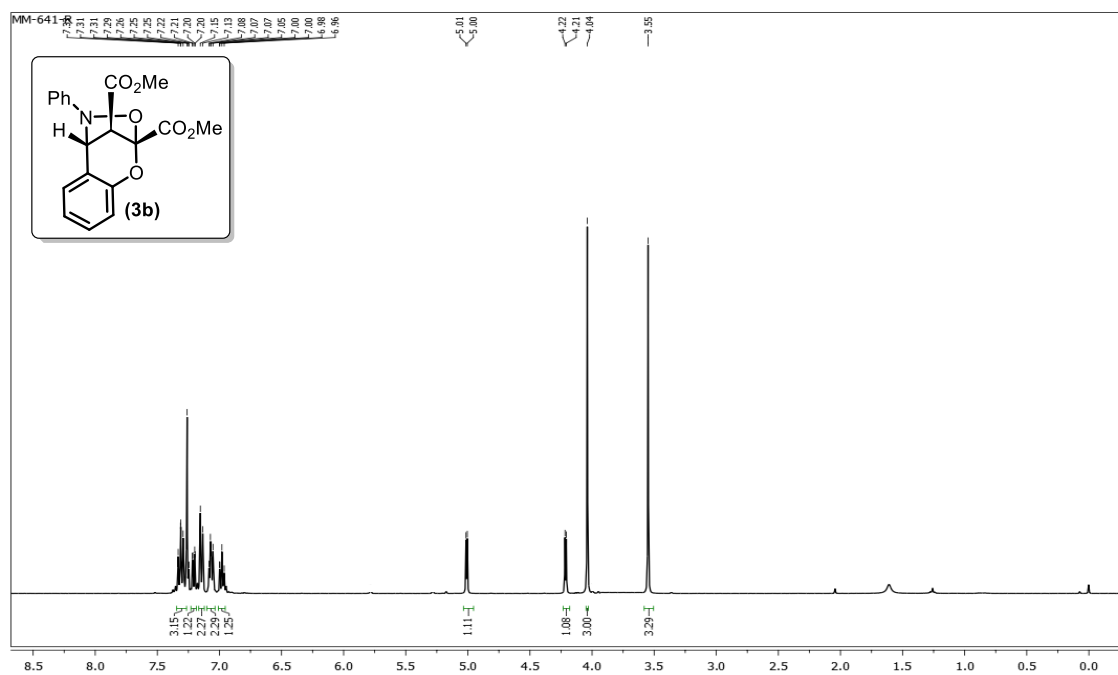
Supplementary Information

1. ¹ H and ¹³ C NMR spectra for the compounds (3a-u, 5a-b and 4a-b).....	2-26
--	------

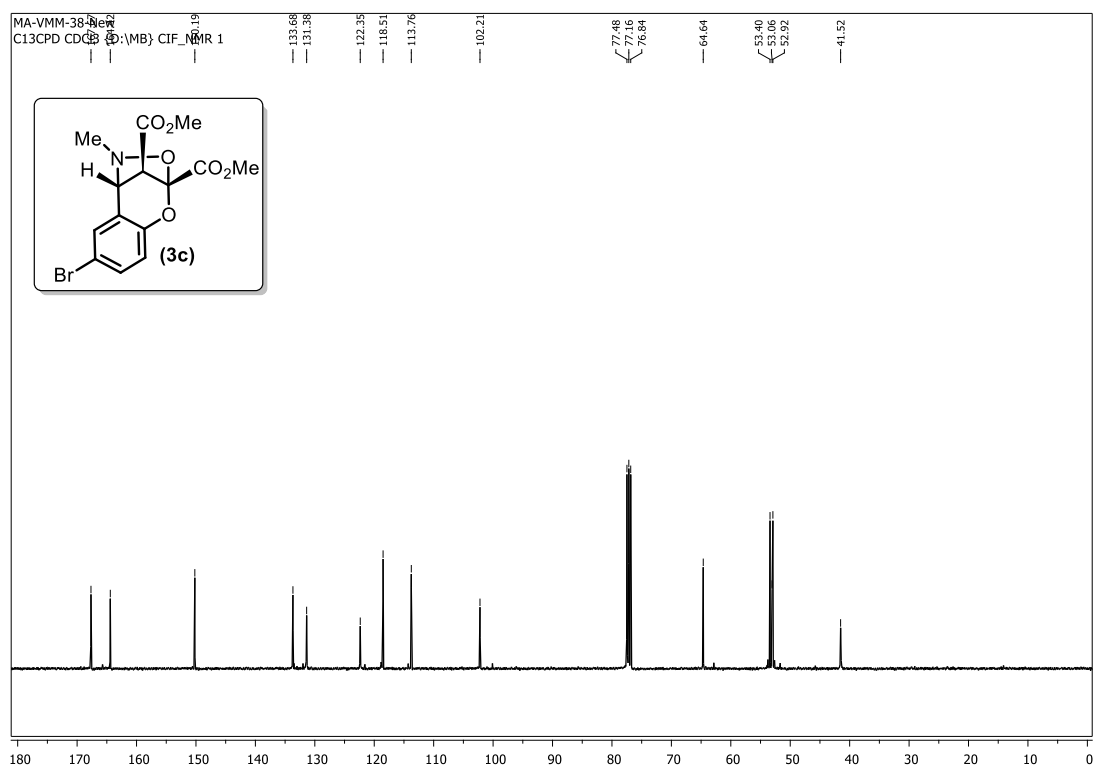
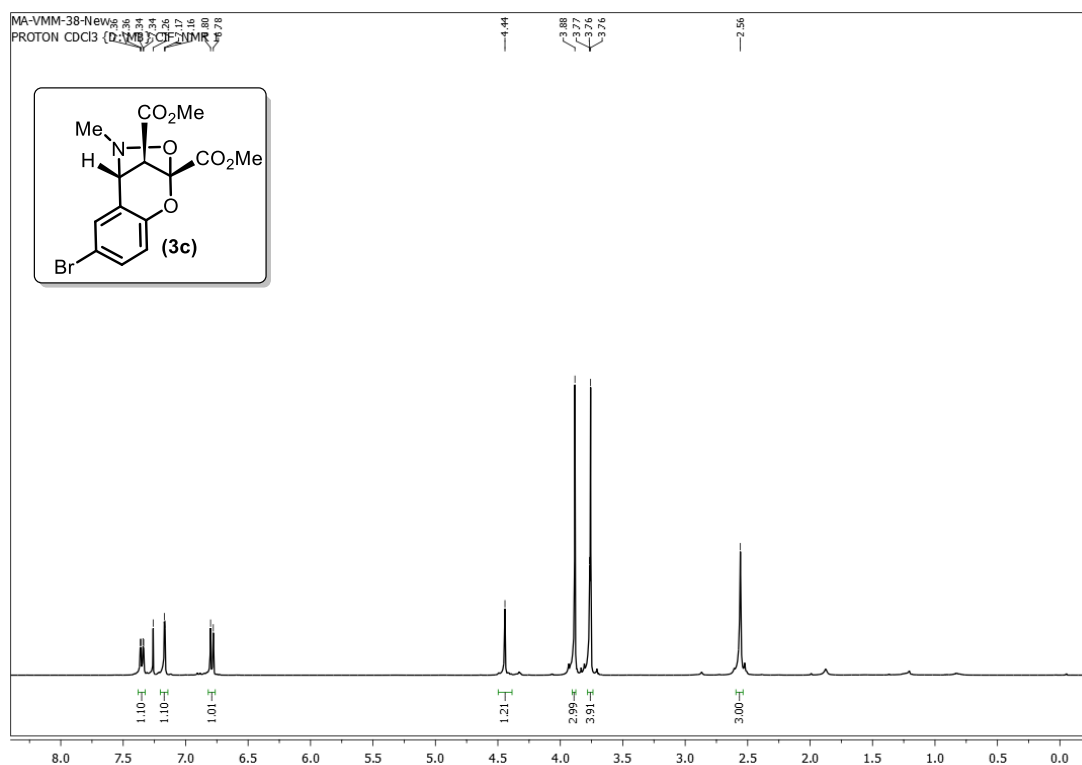
^1H and ^{13}C NMR spectrum of compound **3a**



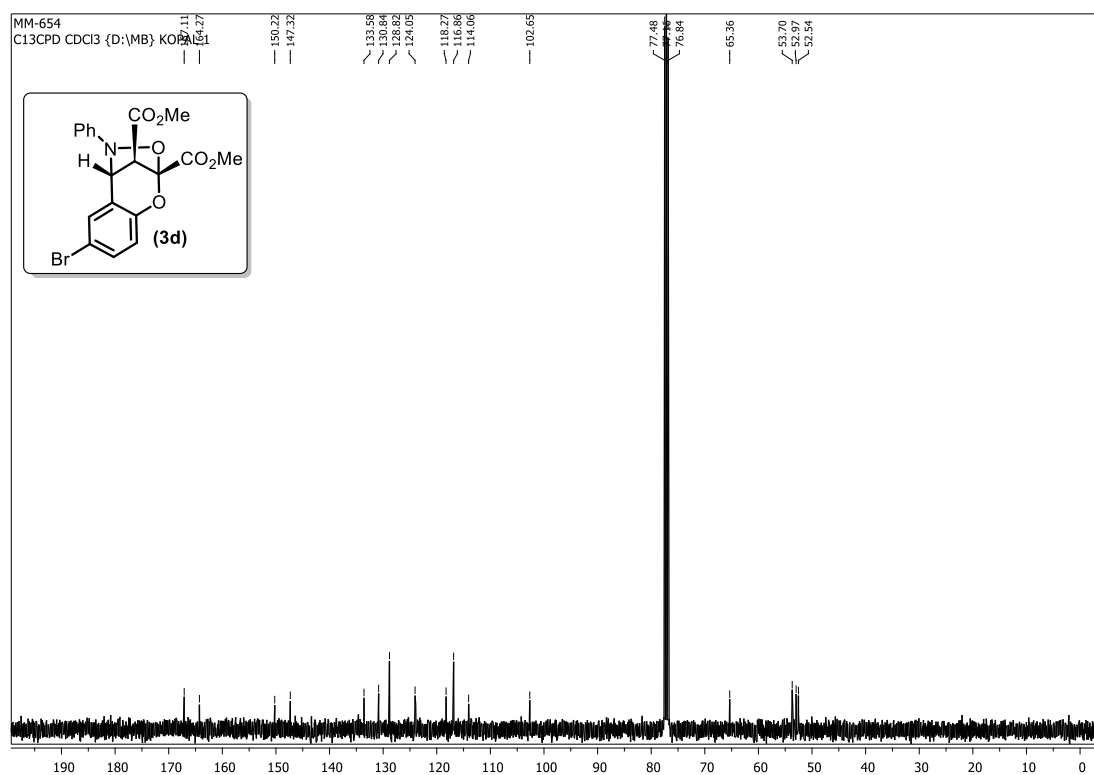
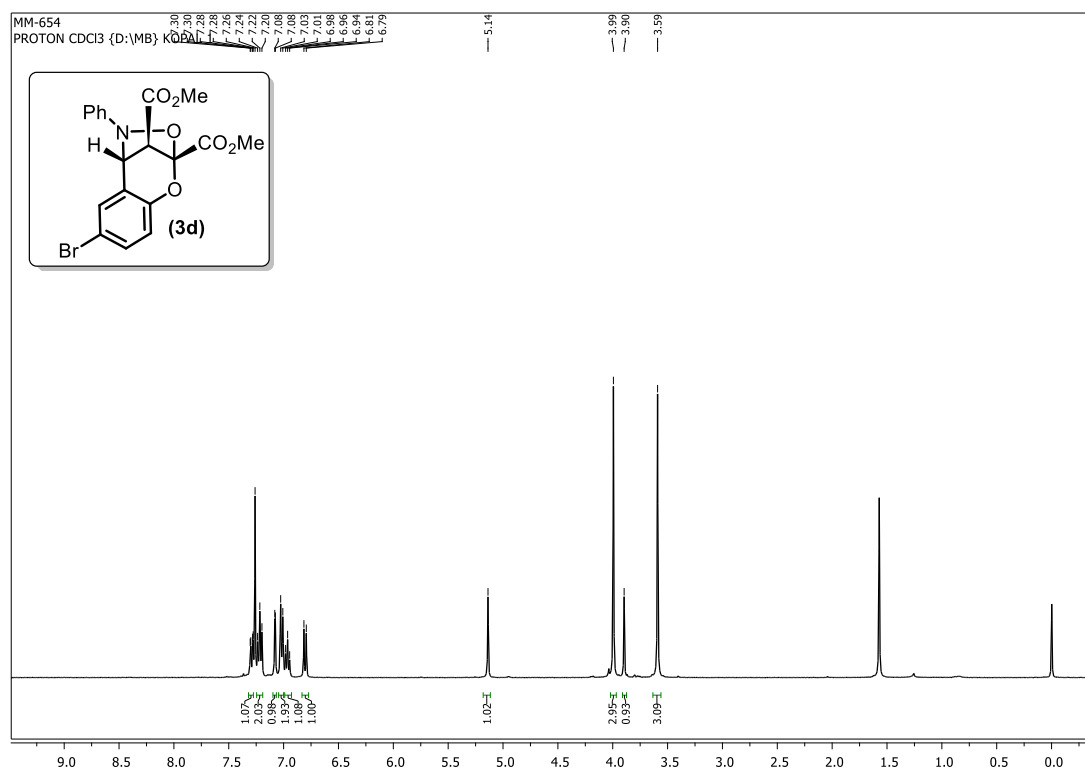
^1H and ^{13}C NMR spectrum of compound **3b**



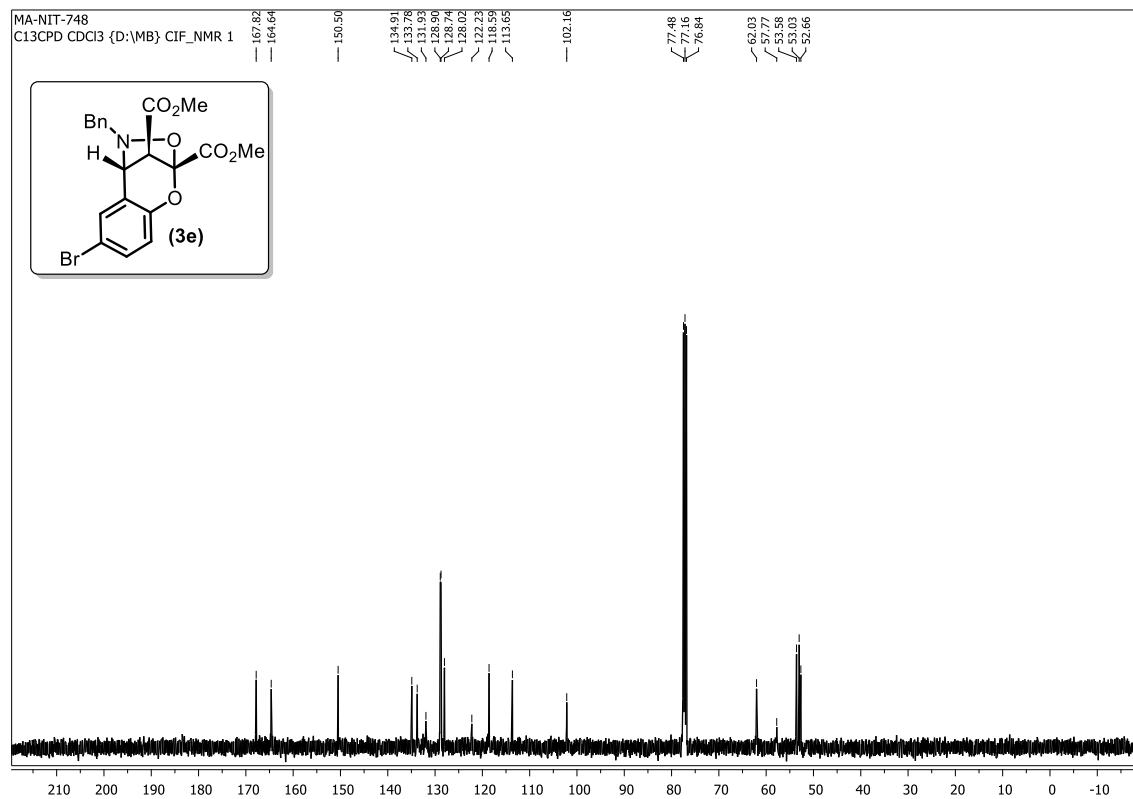
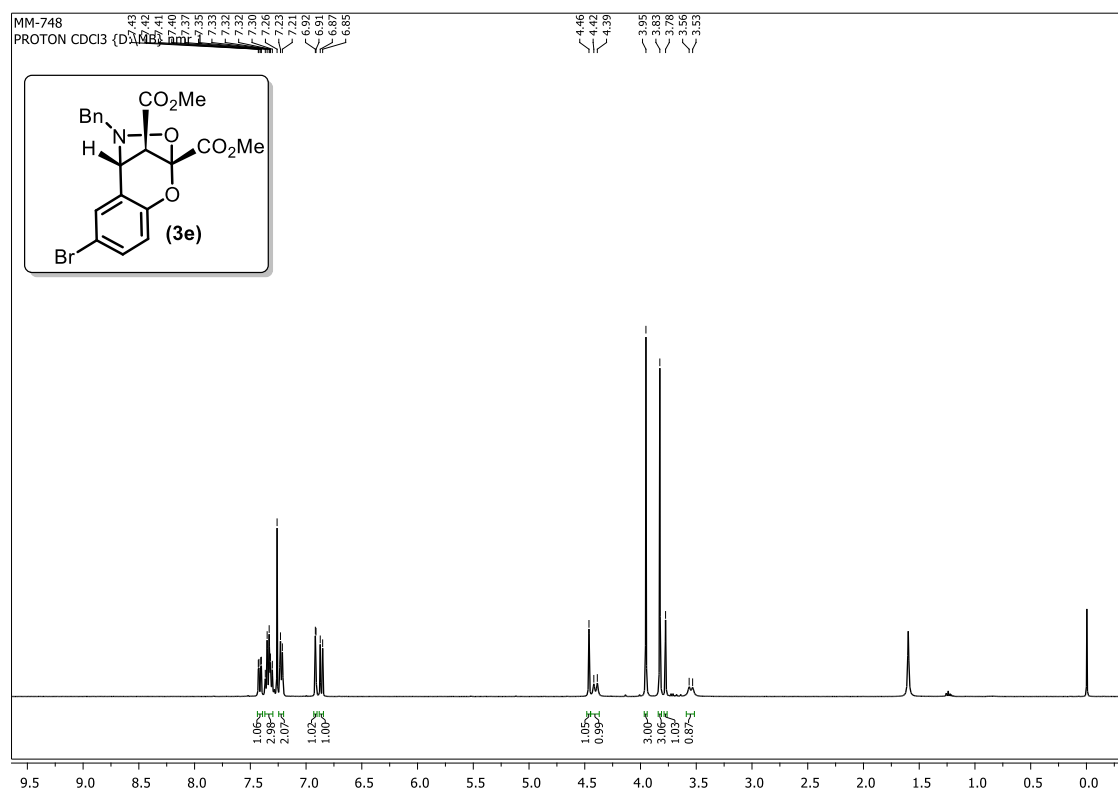
^1H and ^{13}C NMR spectrum of compound **3c**



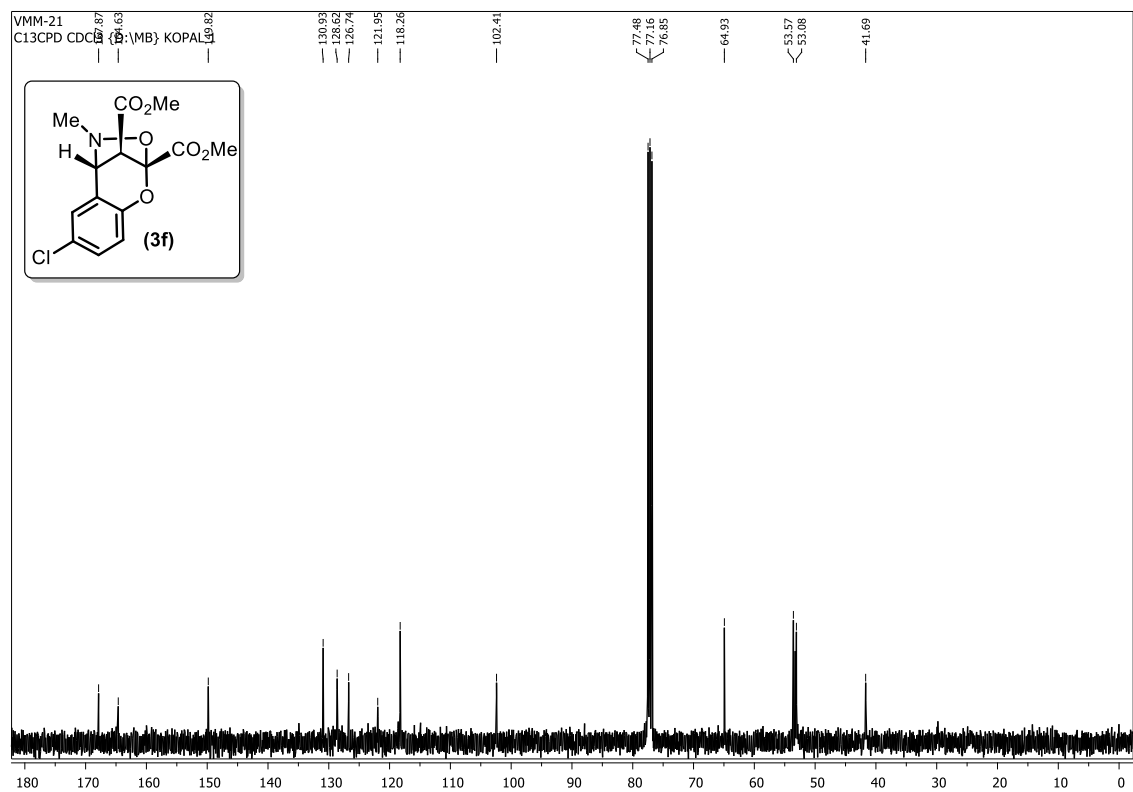
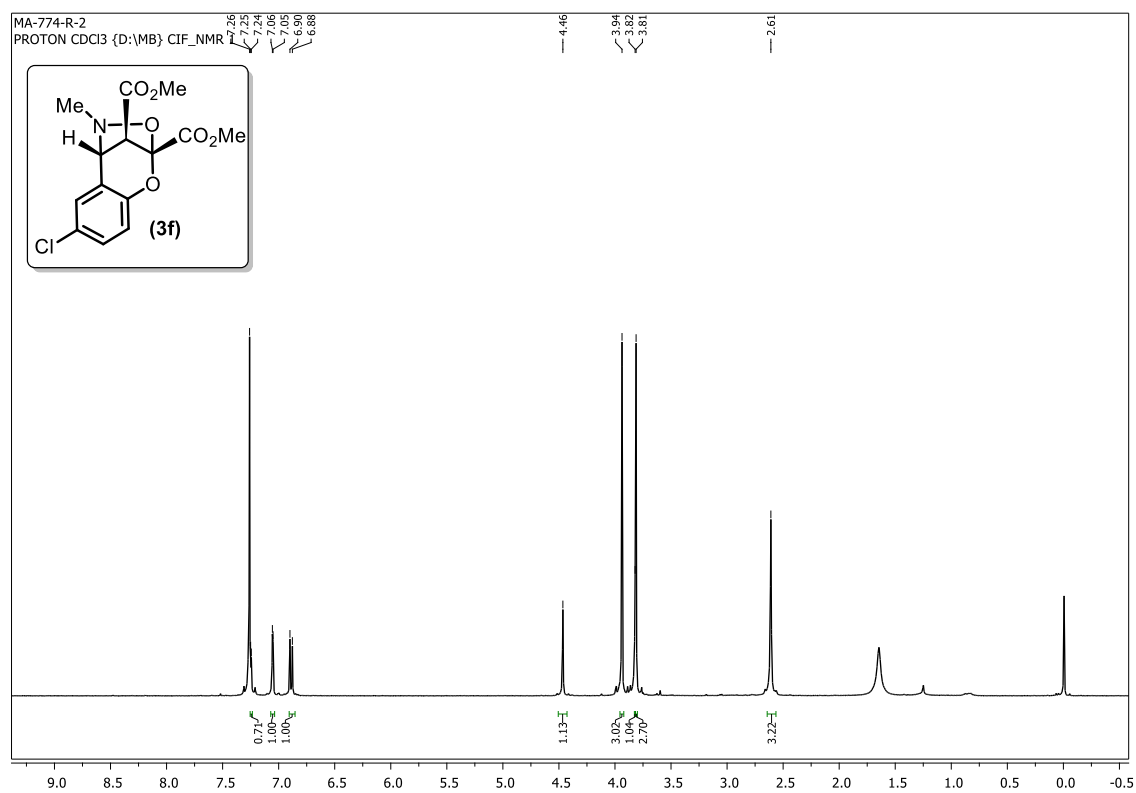
^1H and ^{13}C NMR spectrum of compound **3d**



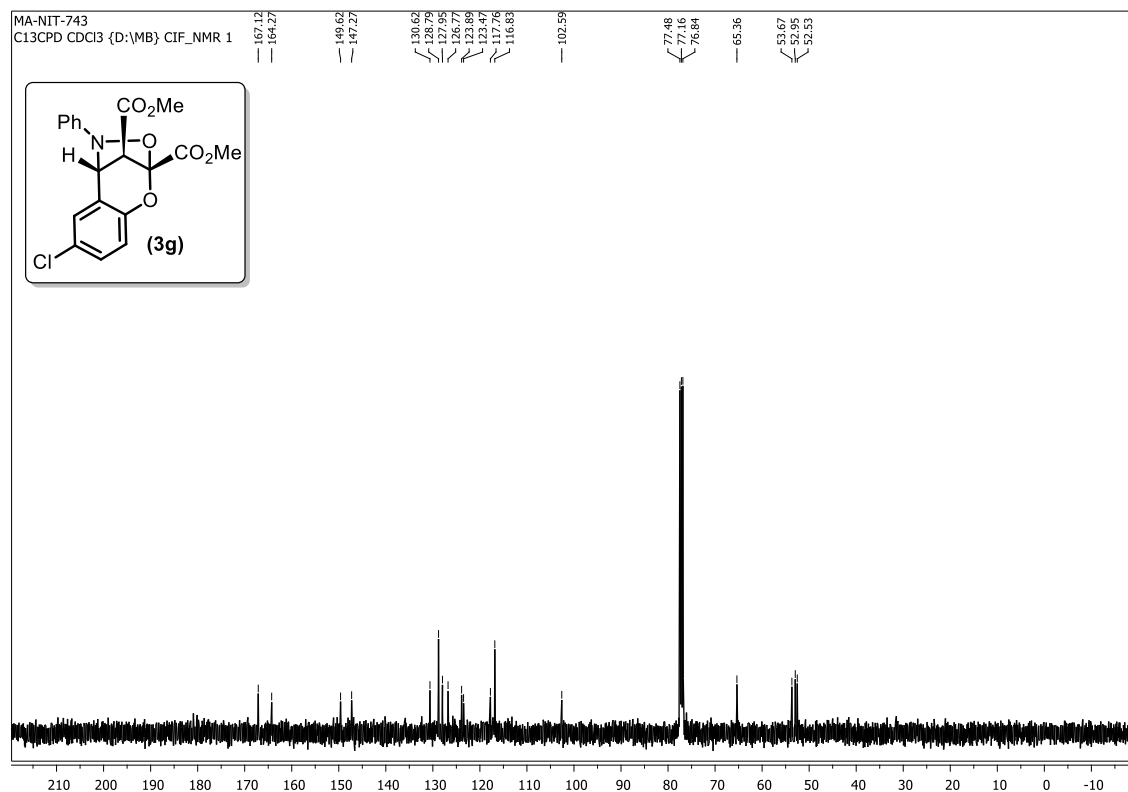
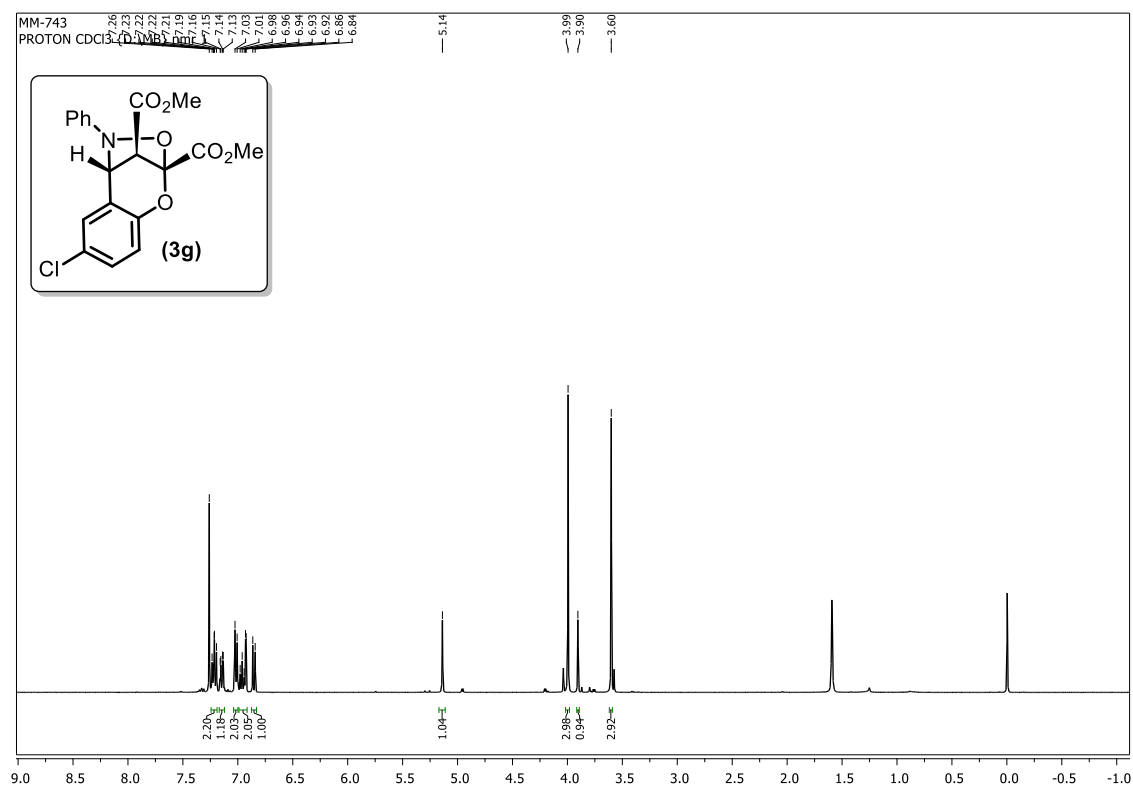
^1H and ^{13}C NMR spectrum of compound **3e**



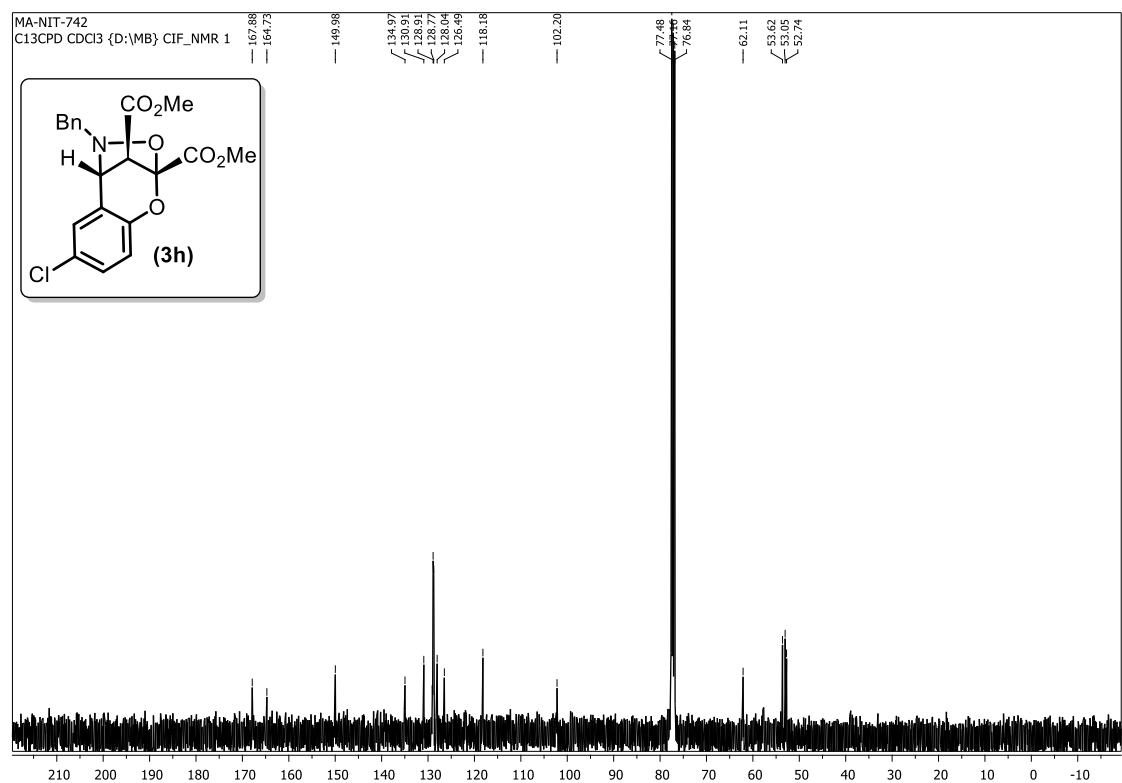
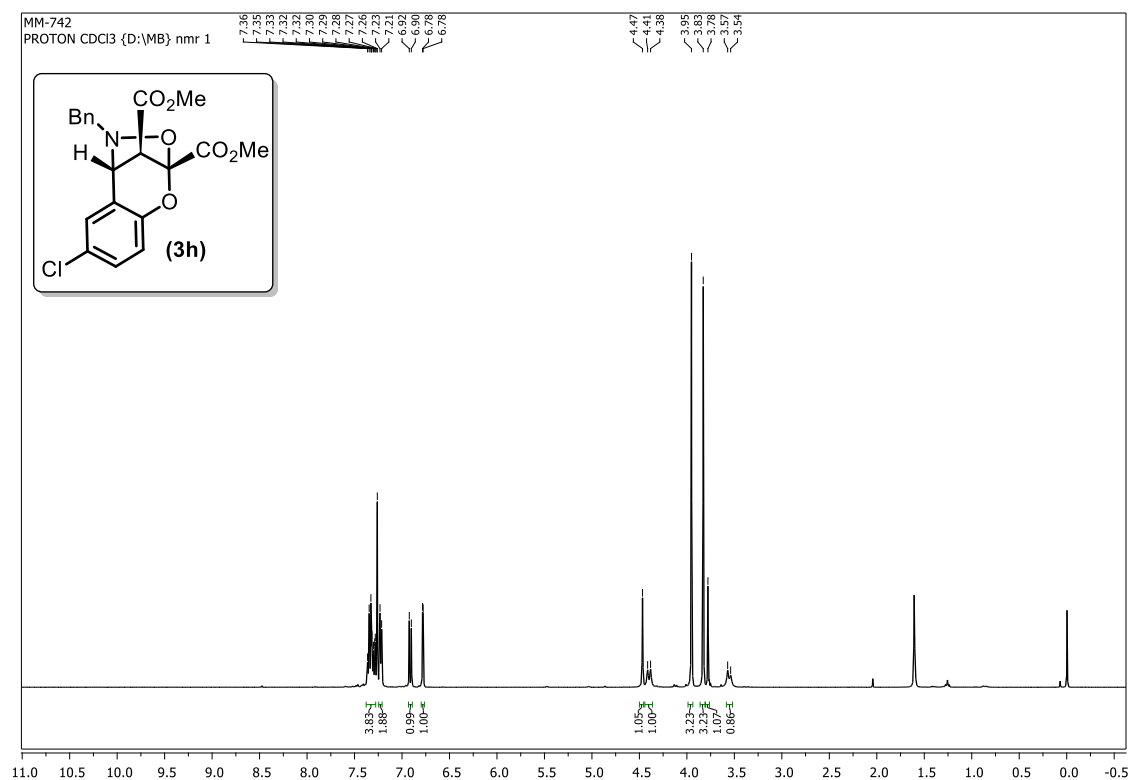
^1H and ^{13}C NMR spectrum of compound **3f**



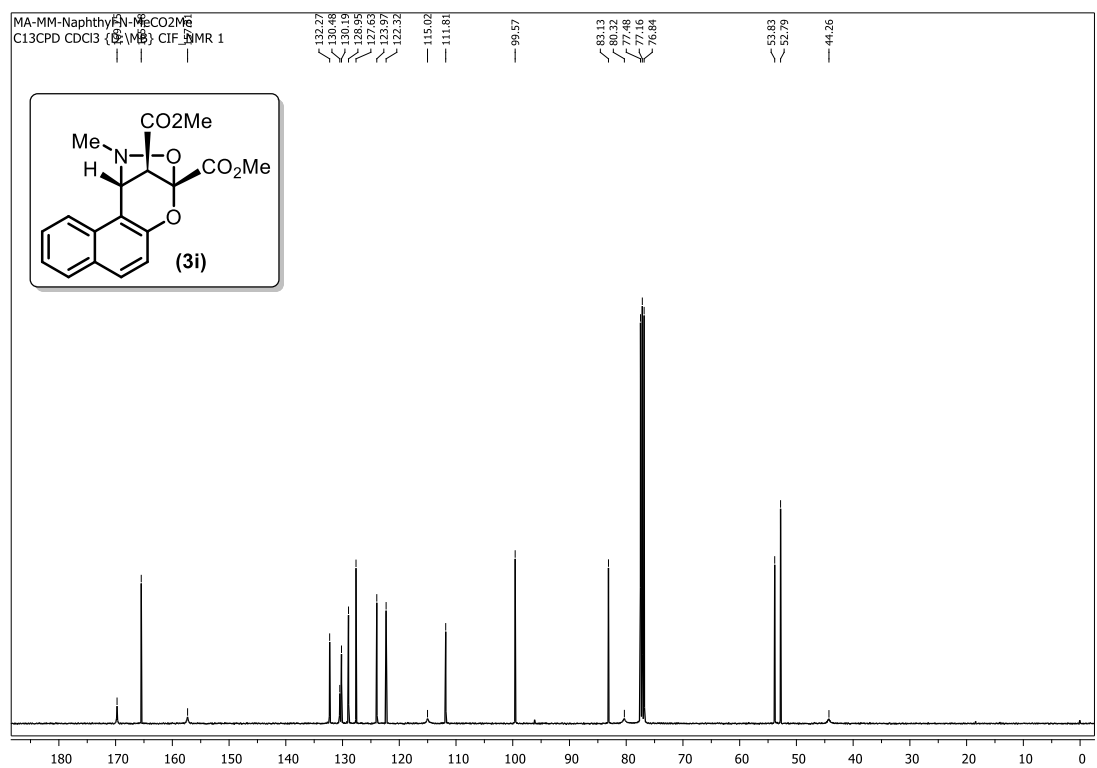
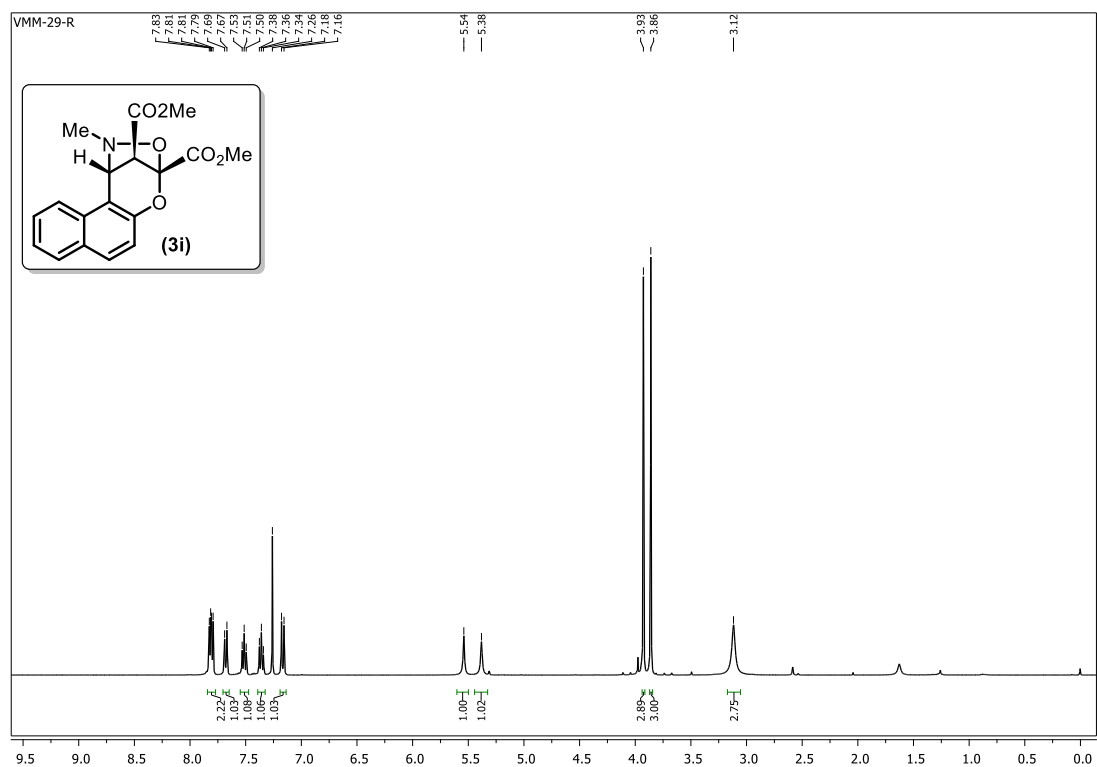
^1H and ^{13}C NMR spectrum of compound **3g**



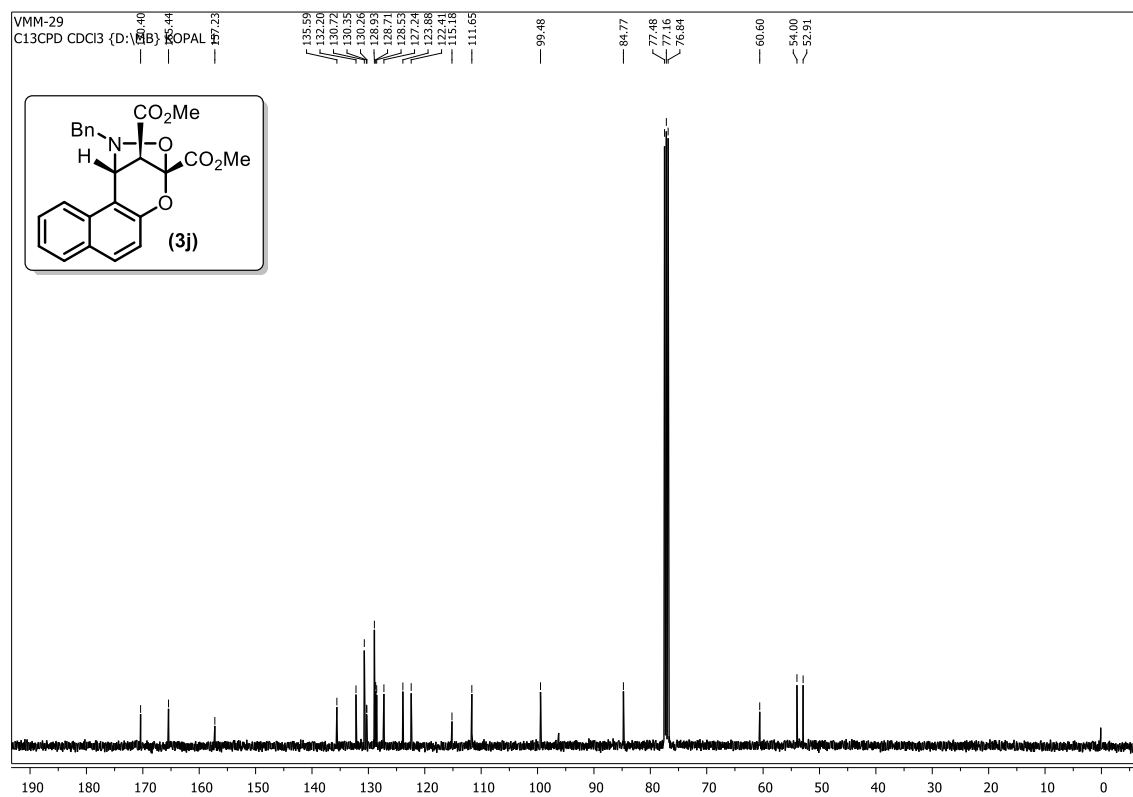
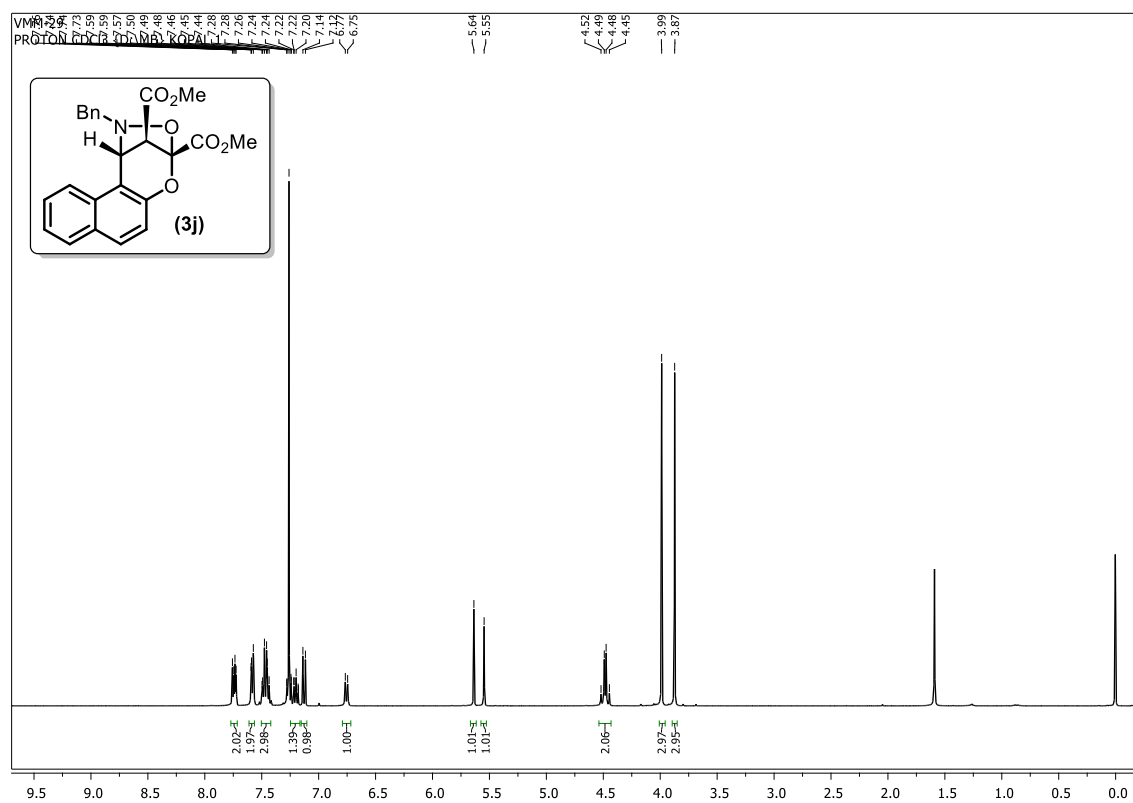
¹H and ¹³C NMR spectrum of compound **3h**



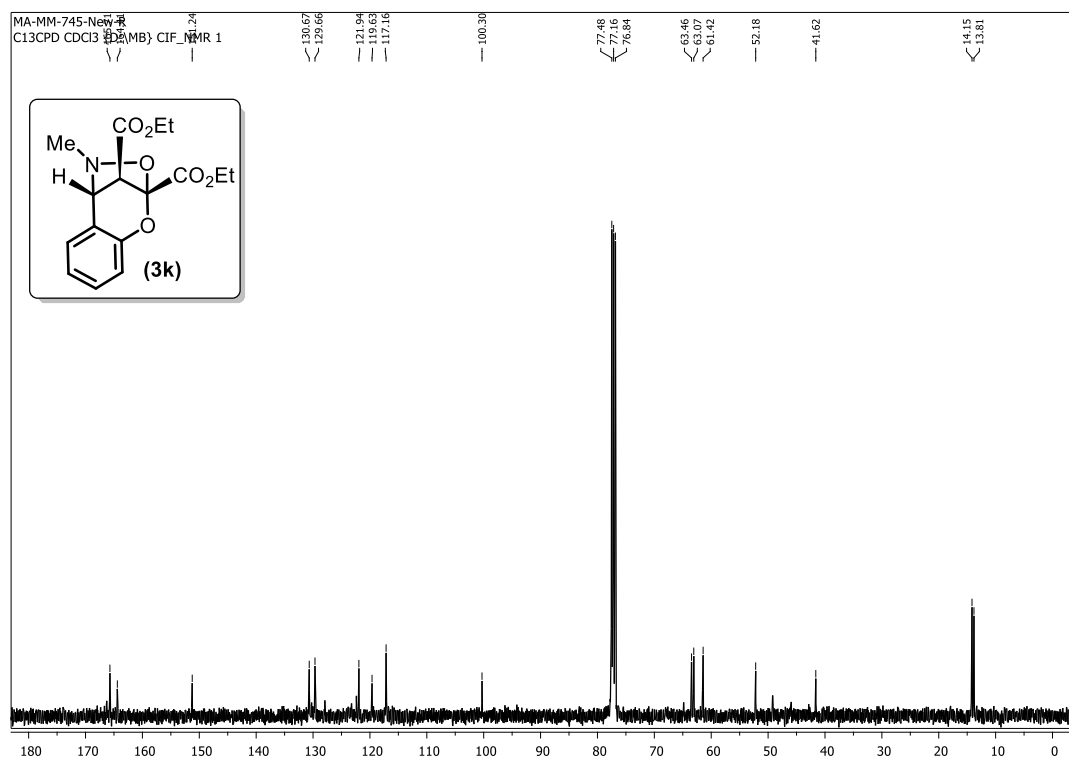
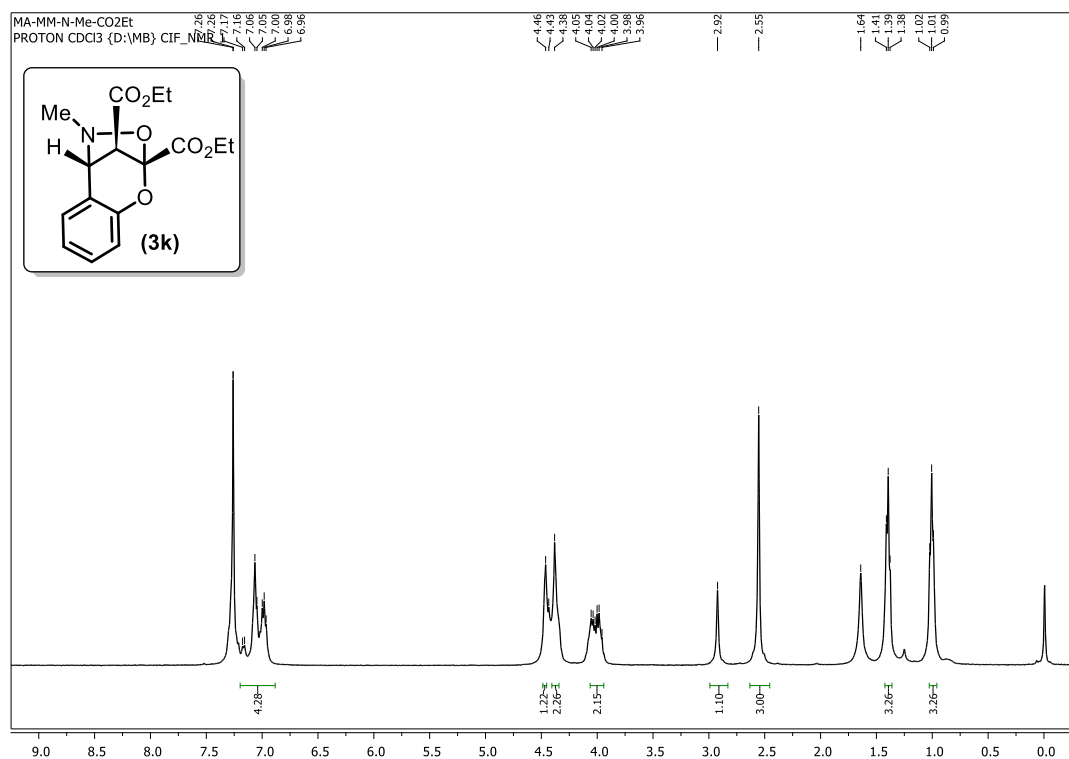
^1H and ^{13}C NMR spectrum of compound **3i**



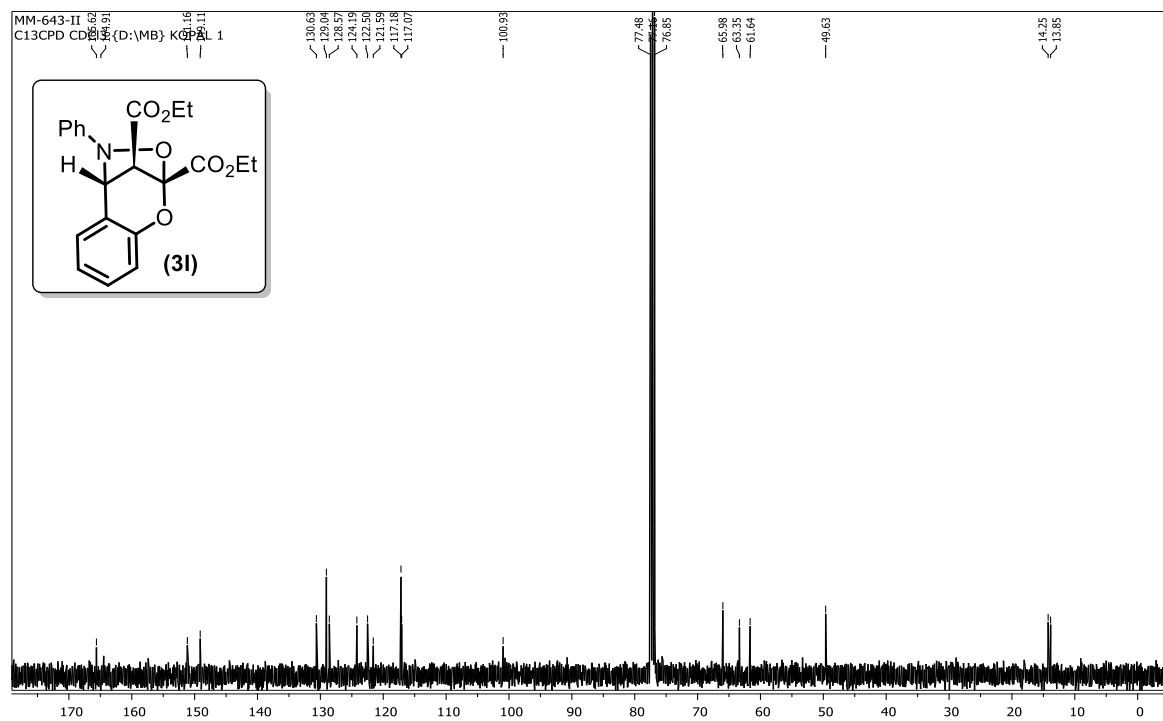
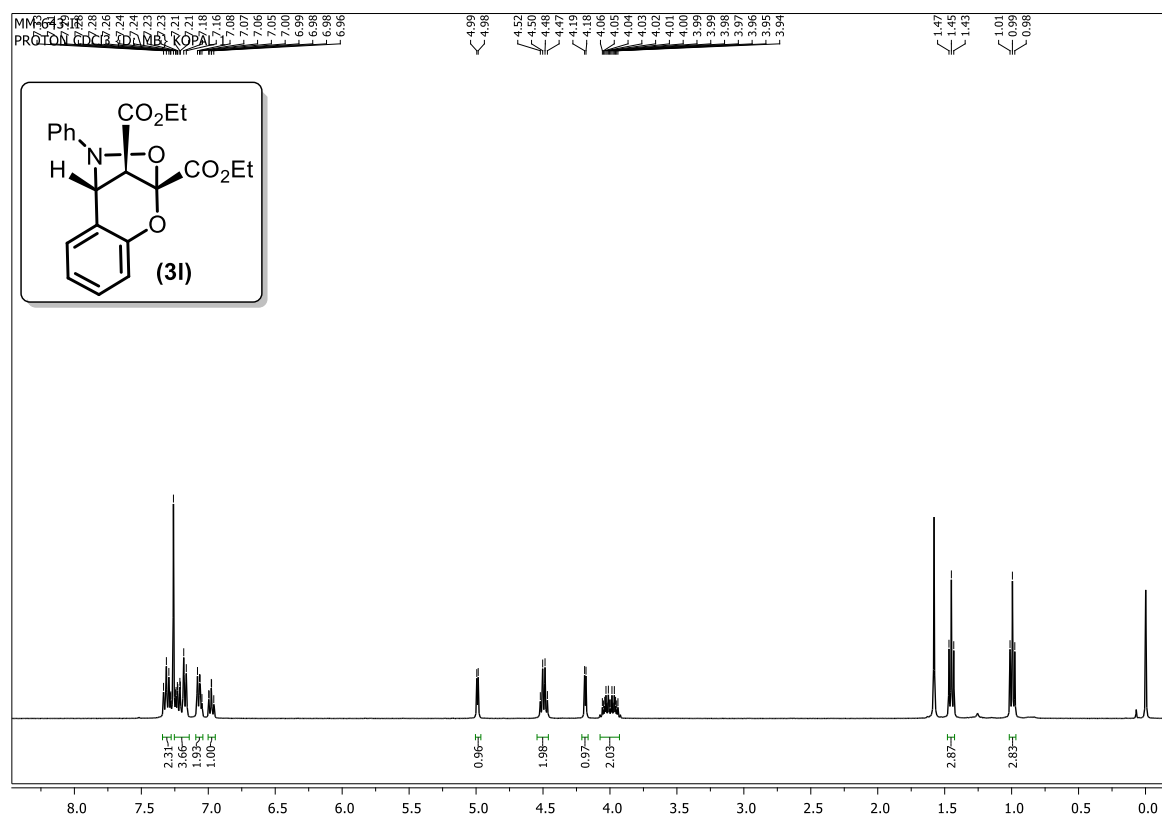
^1H and ^{13}C NMR spectrum of compound **3j**



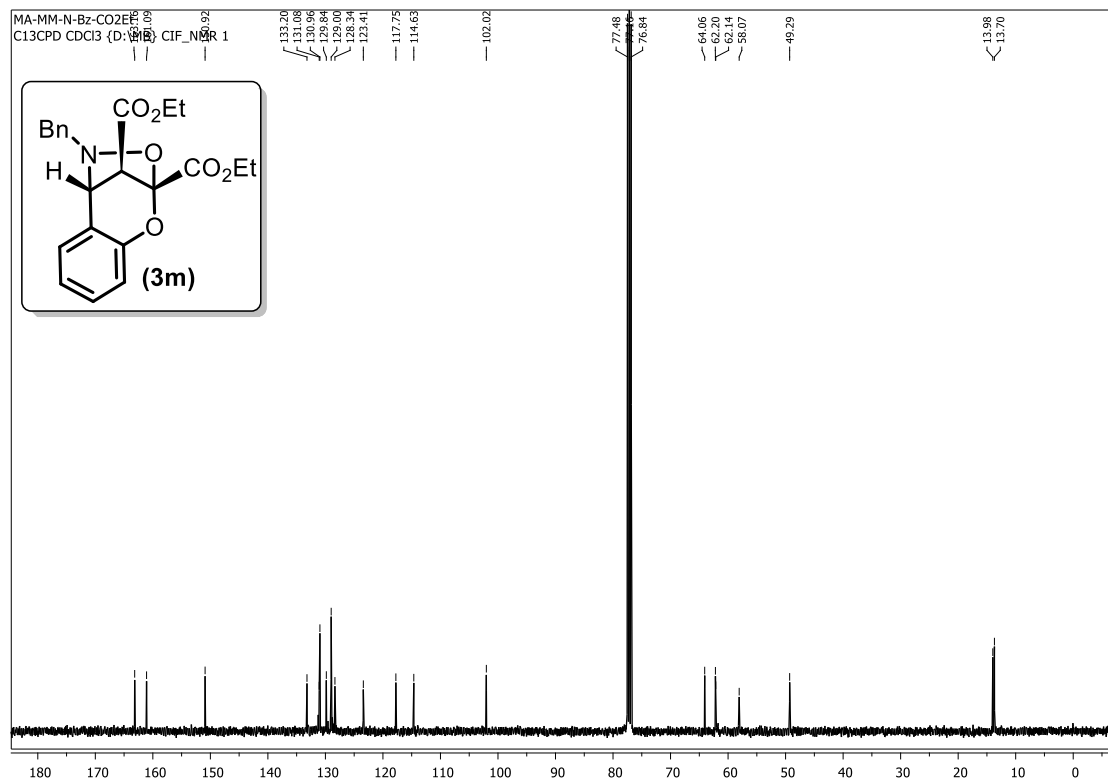
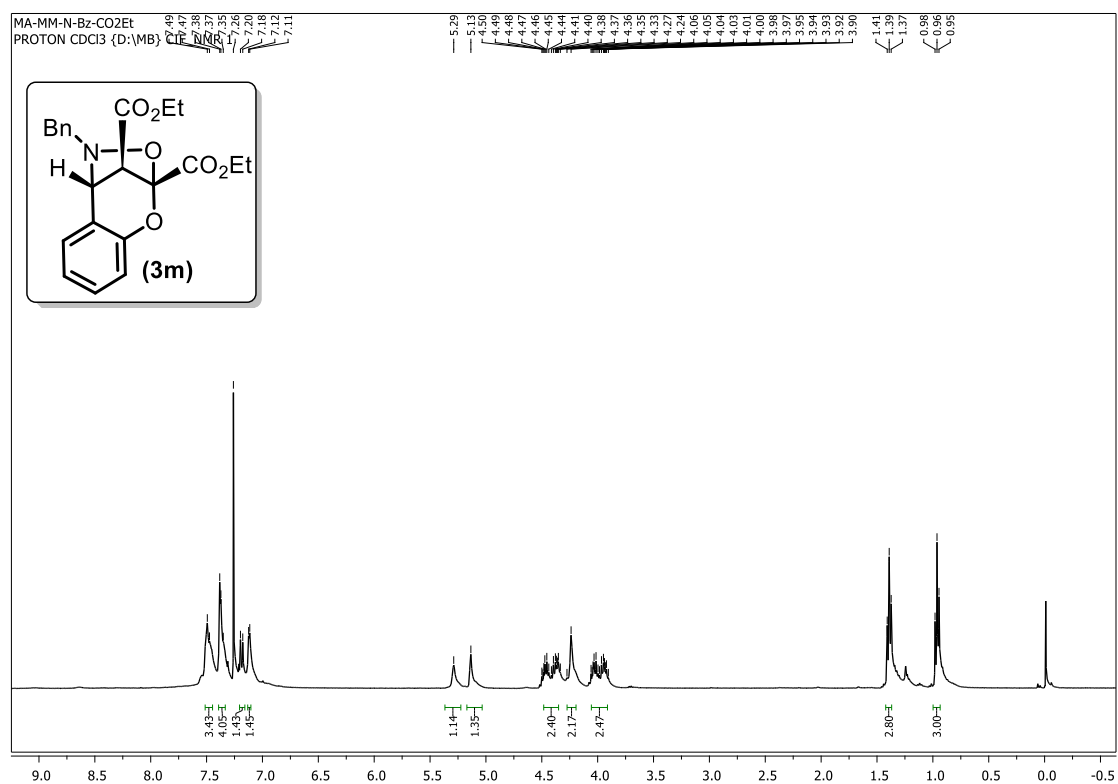
^1H and ^{13}C NMR spectrum of compound **3k**



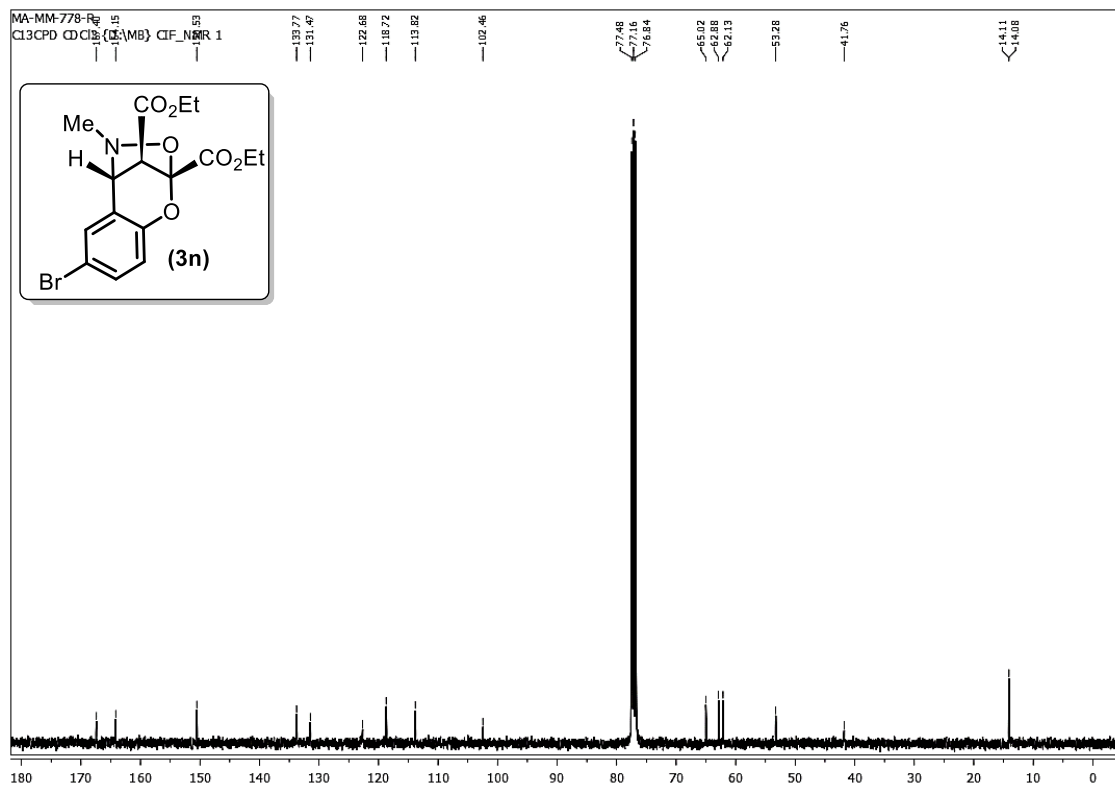
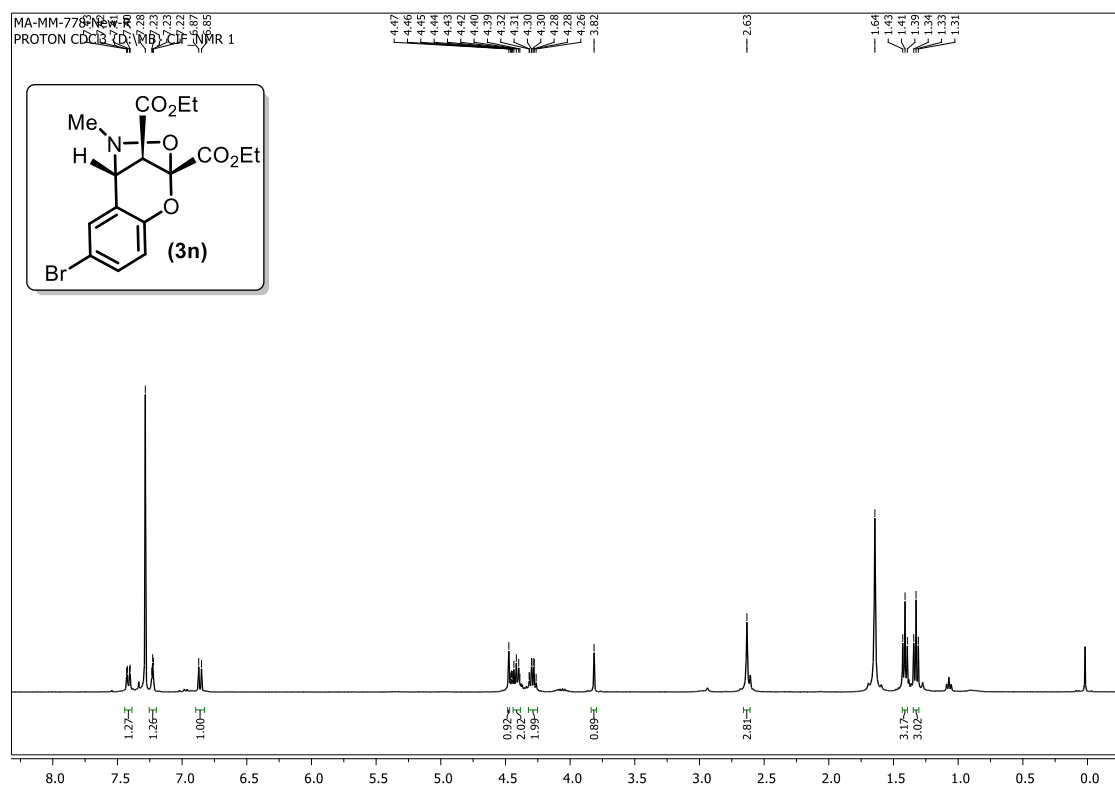
^1H and ^{13}C NMR spectrum of compound **3I**



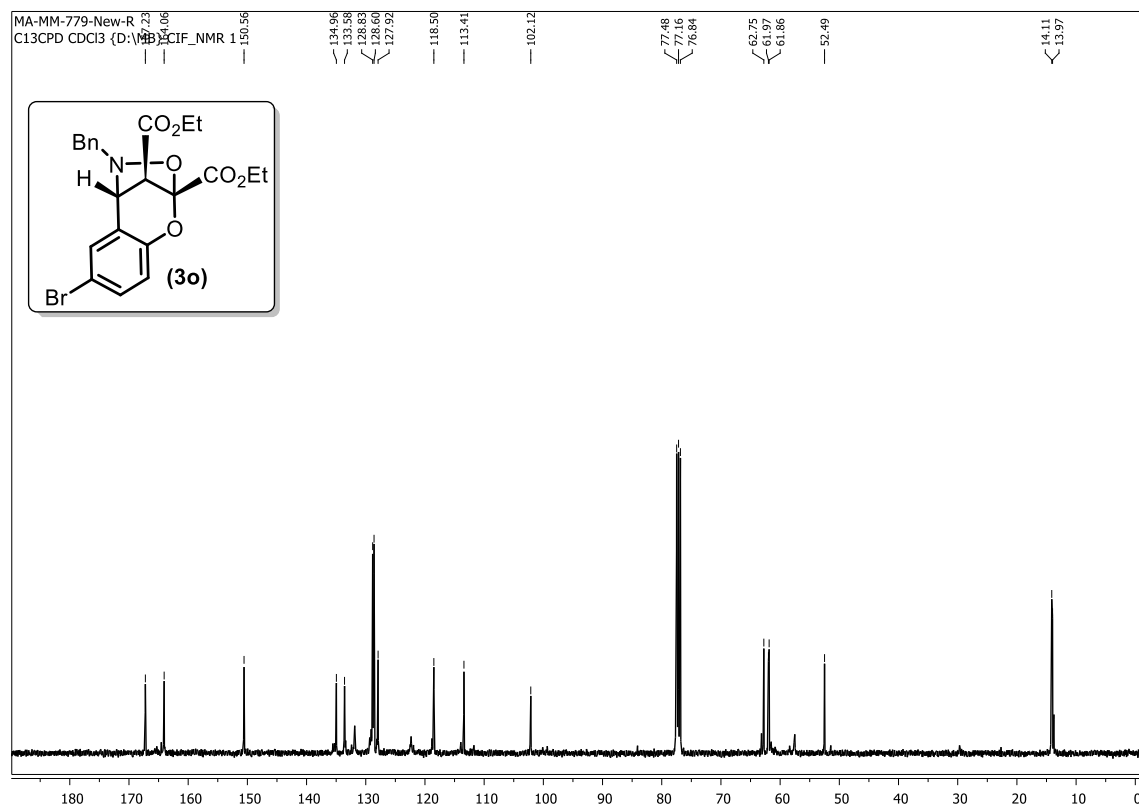
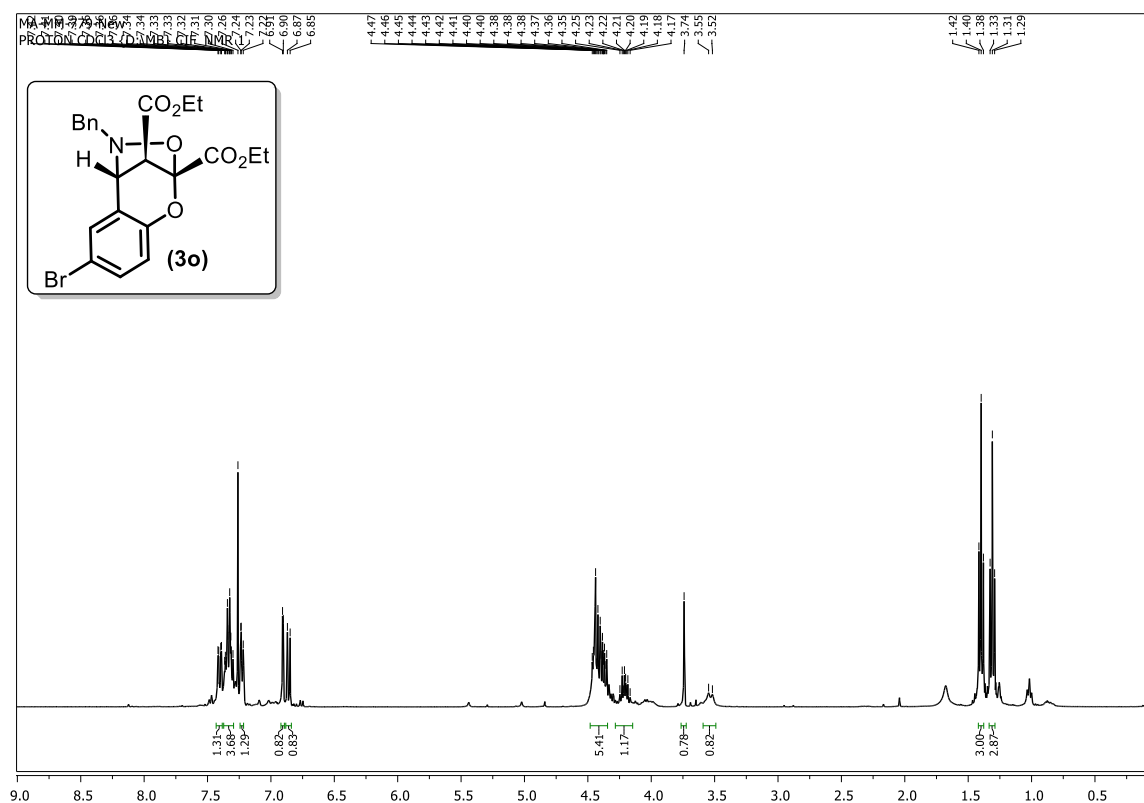
¹H and ¹³C NMR spectrum of compound **3m**



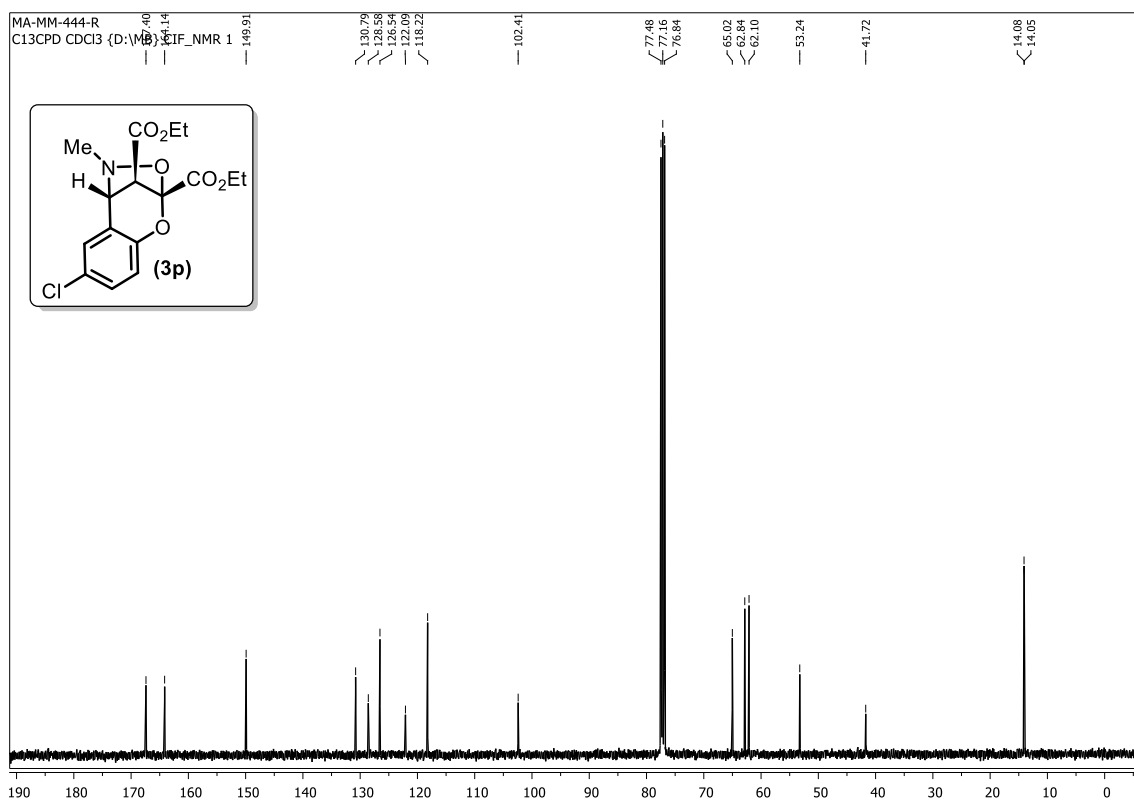
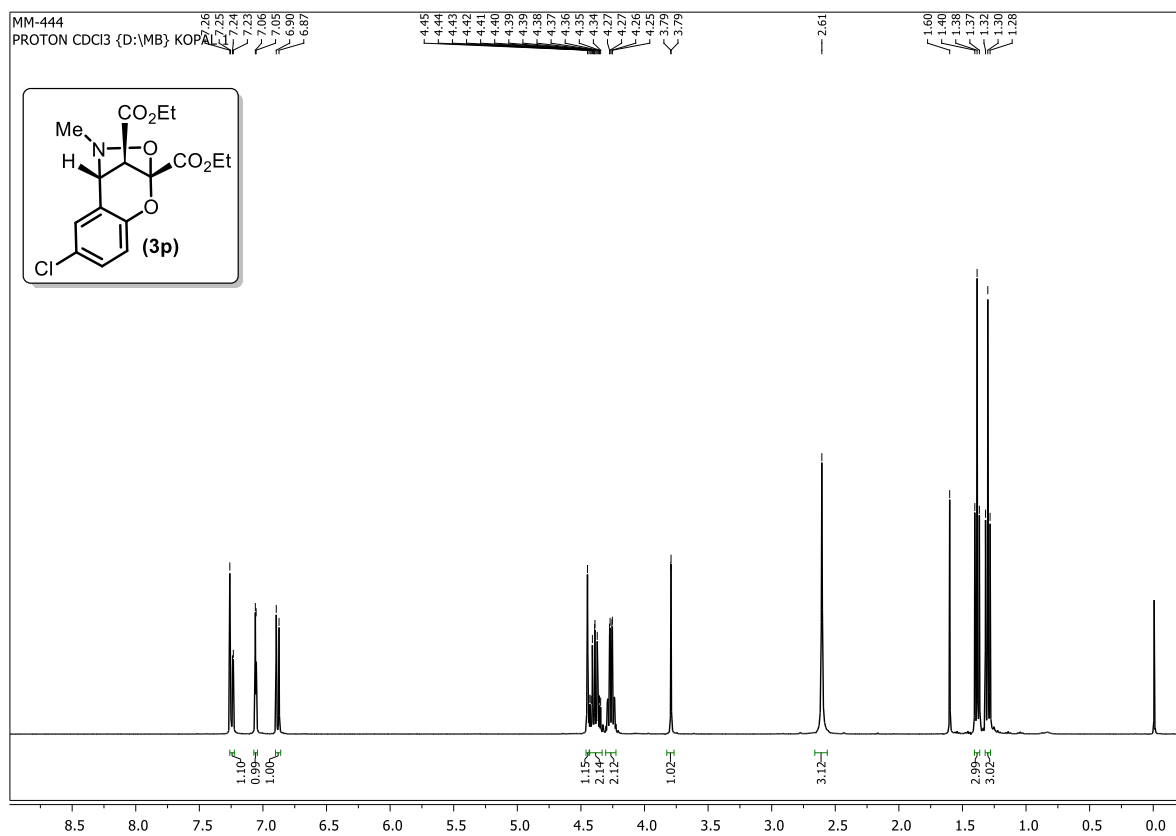
¹H and ¹³C NMR spectrum of compound **3n**



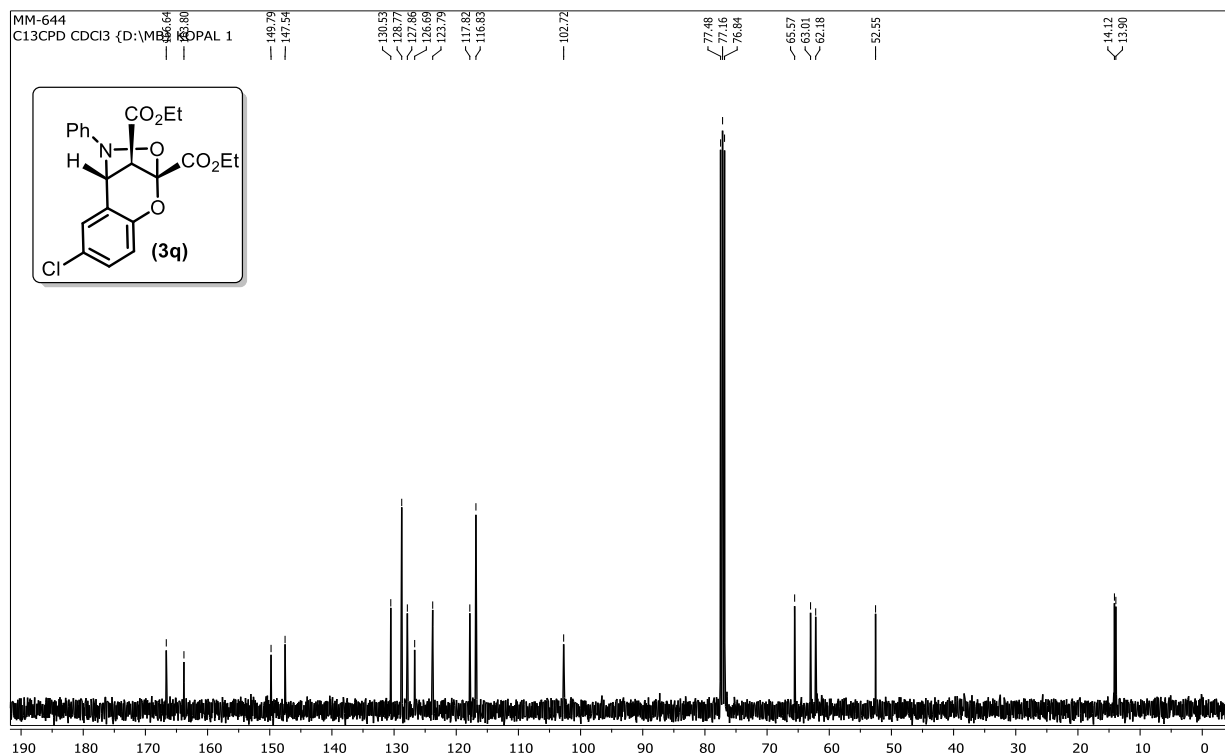
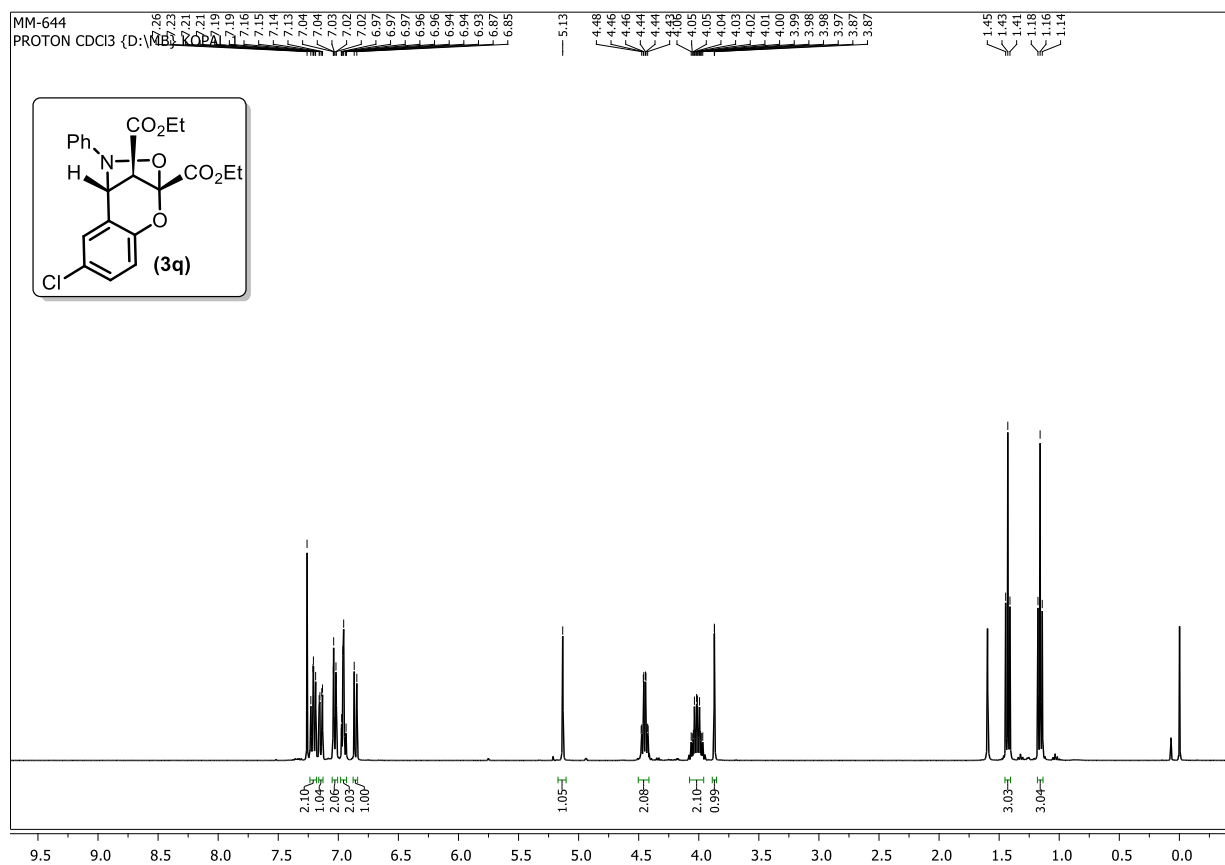
^1H and ^{13}C NMR spectrum of compound **3o**



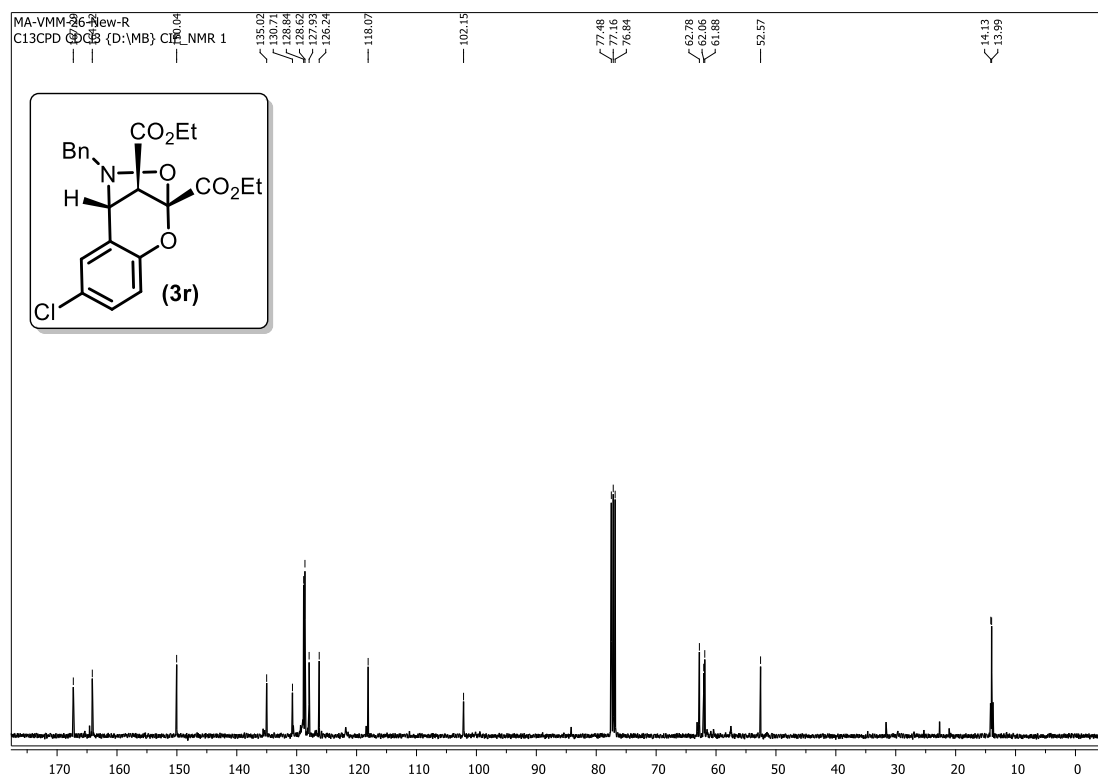
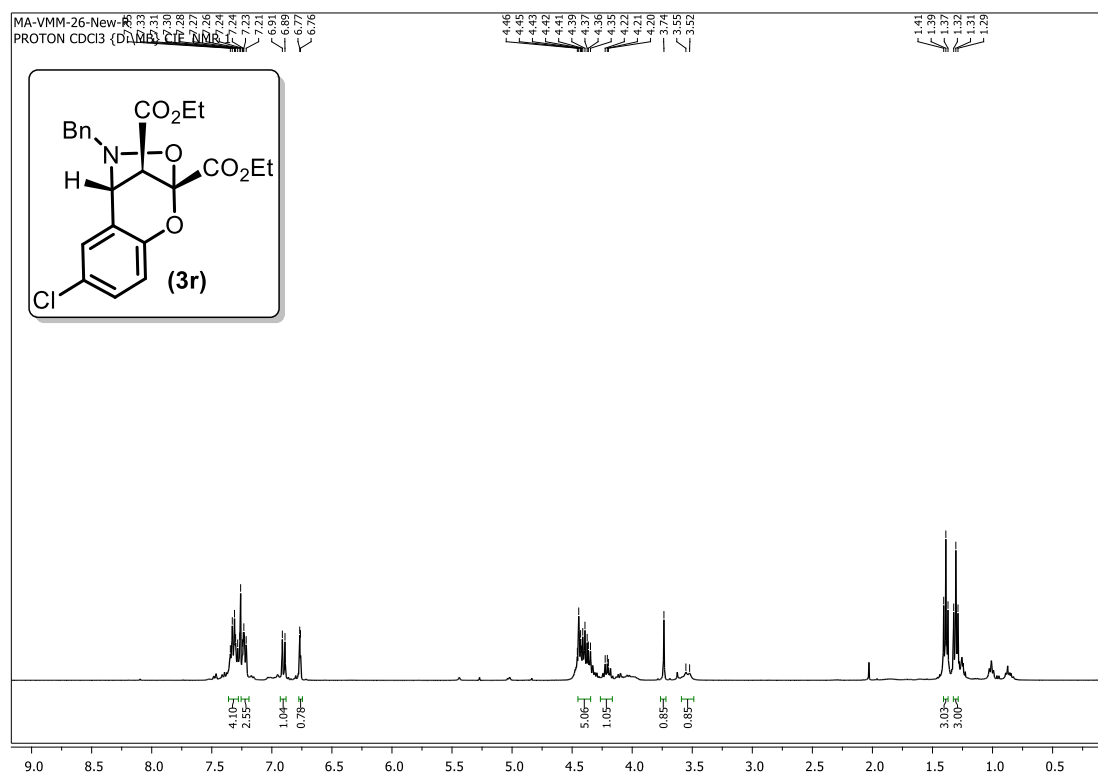
^1H and ^{13}C NMR spectrum of compound **3p**



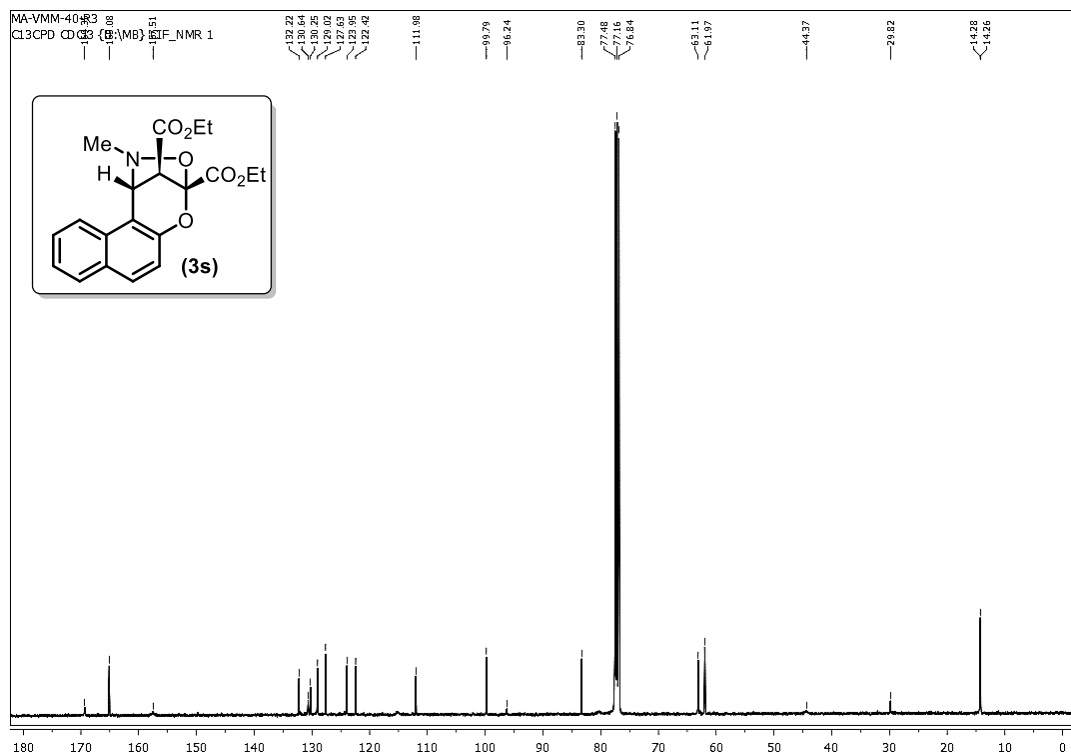
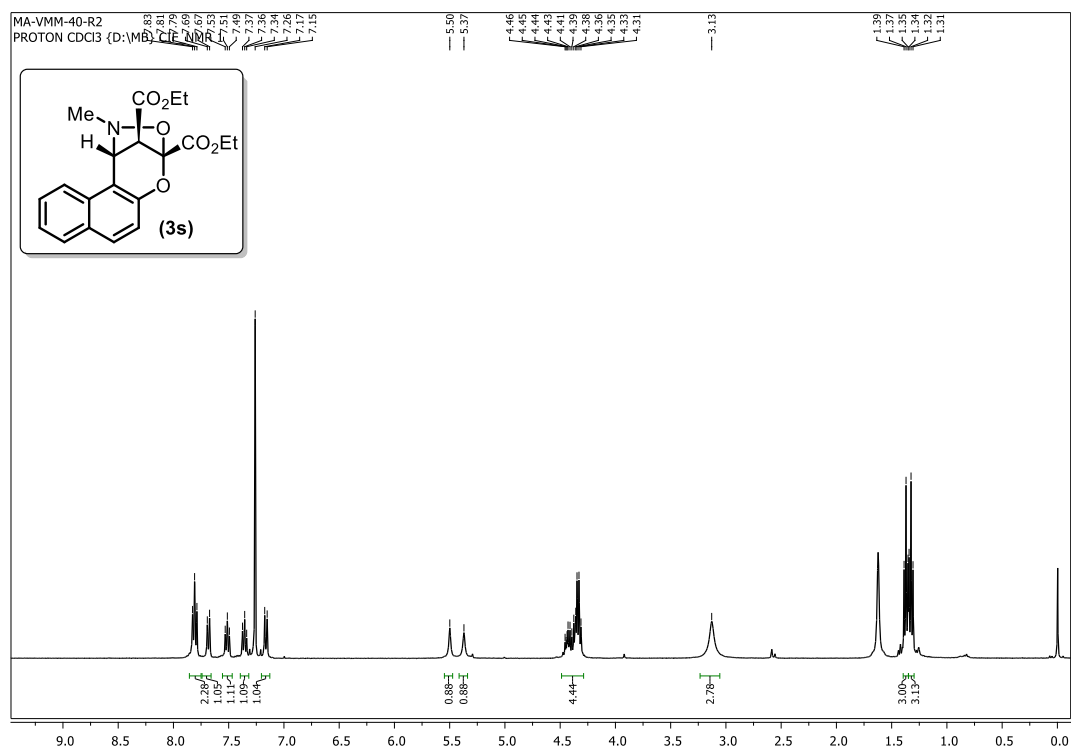
^1H and ^{13}C NMR spectrum of compound **3q**



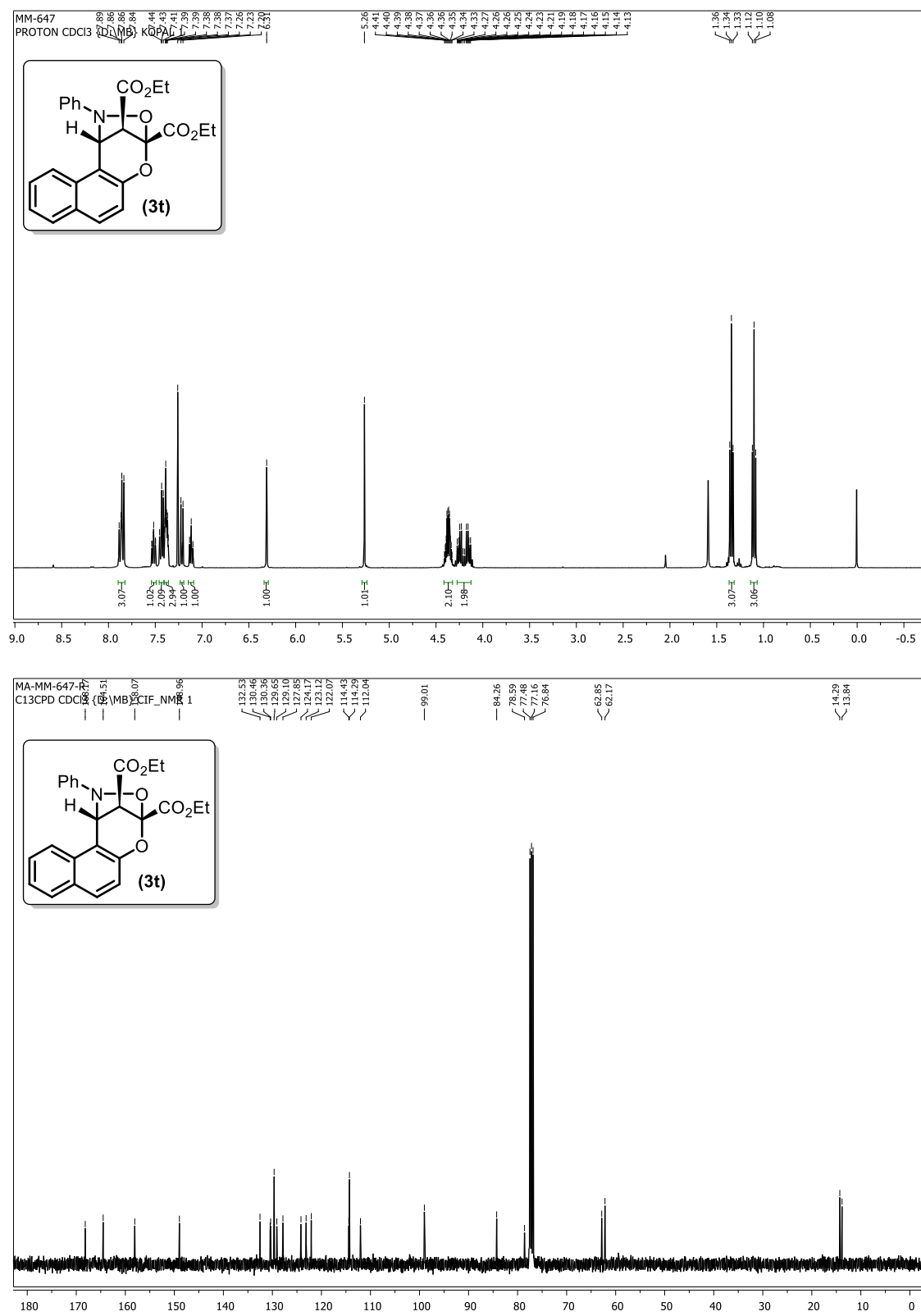
^1H and ^{13}C NMR spectrum of compound **3r**



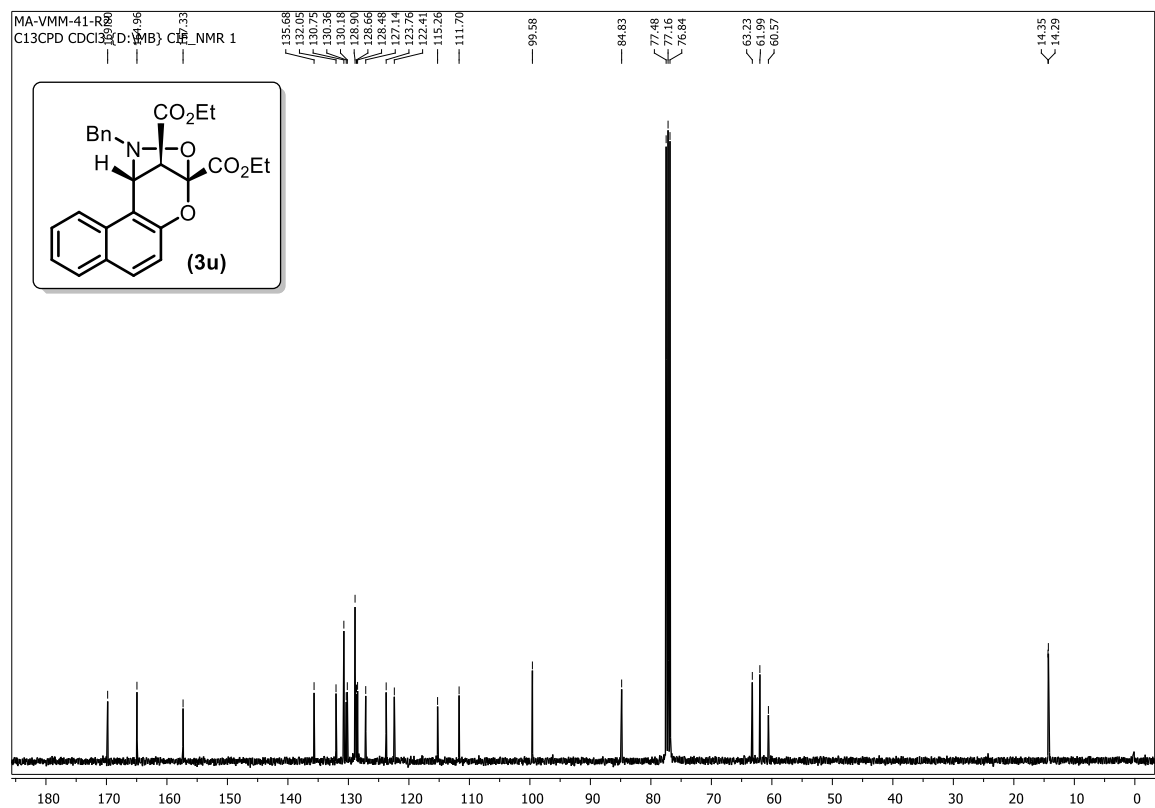
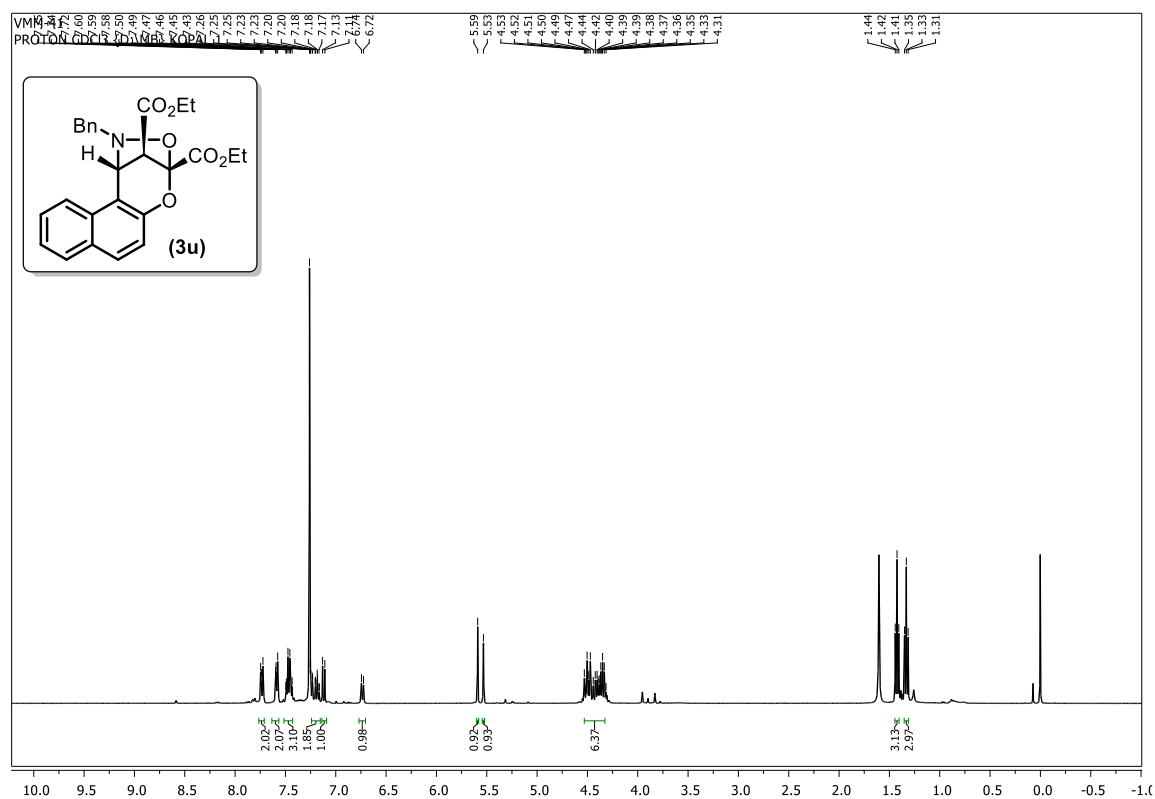
^1H and ^{13}C NMR spectrum of compound **3s**



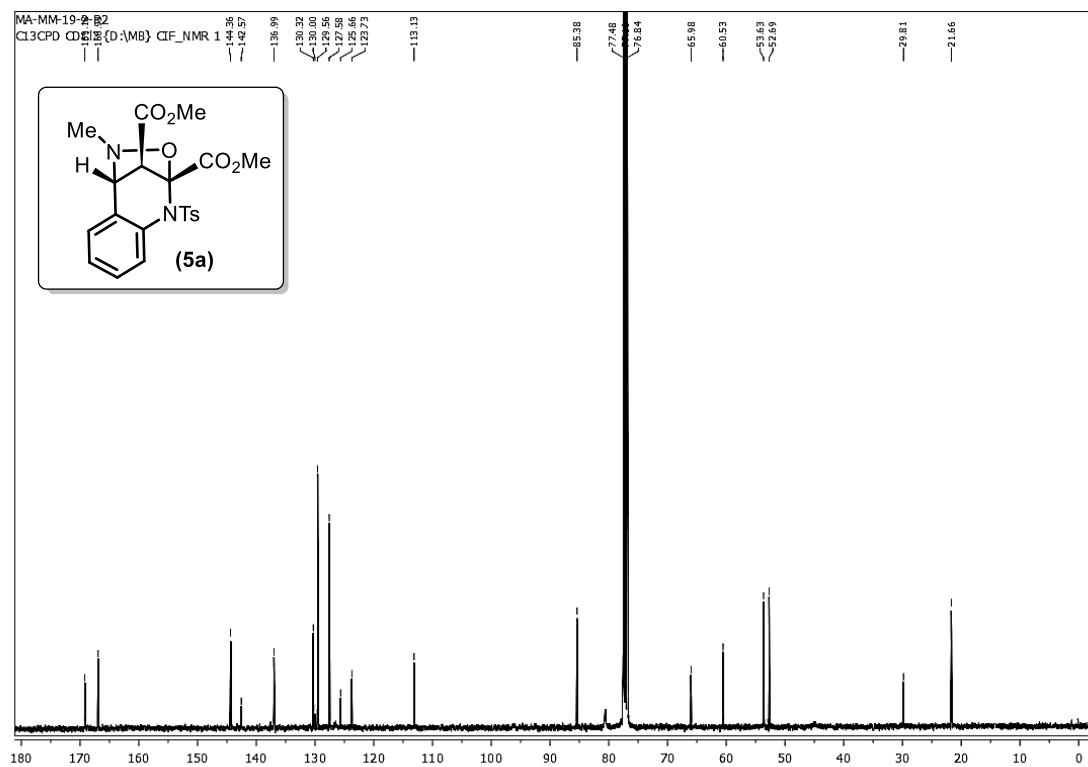
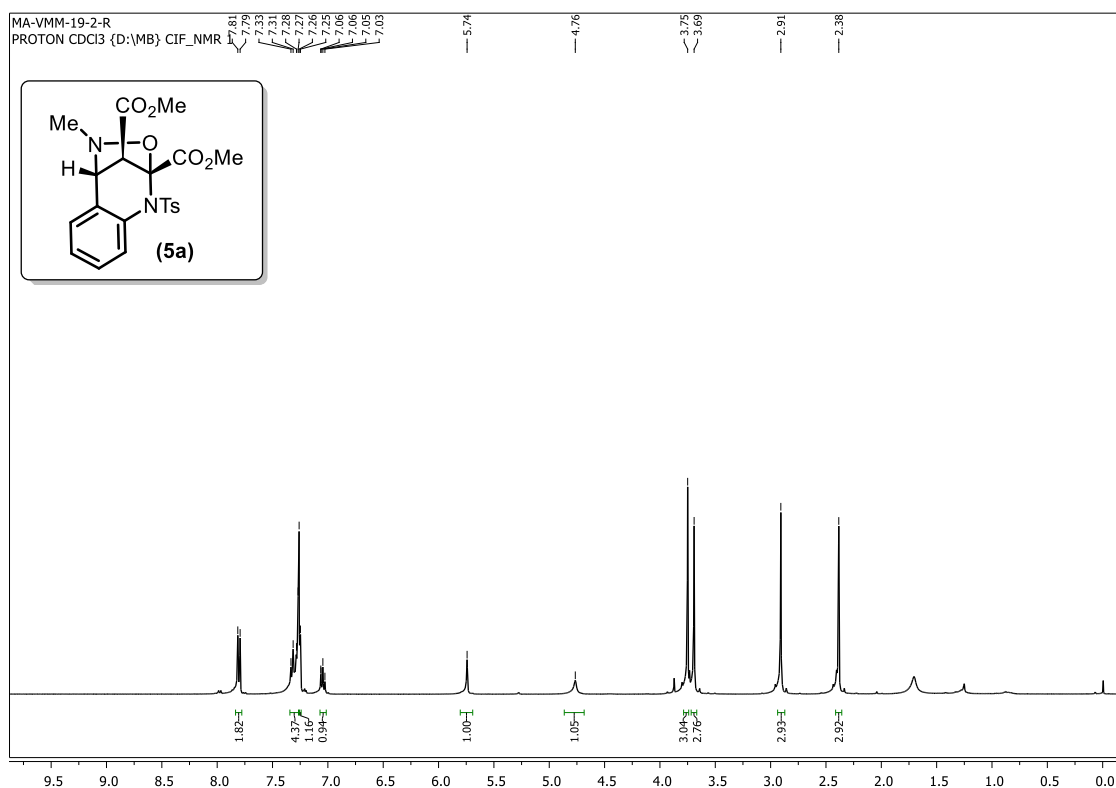
^1H and ^{13}C NMR spectrum of compound **3t**



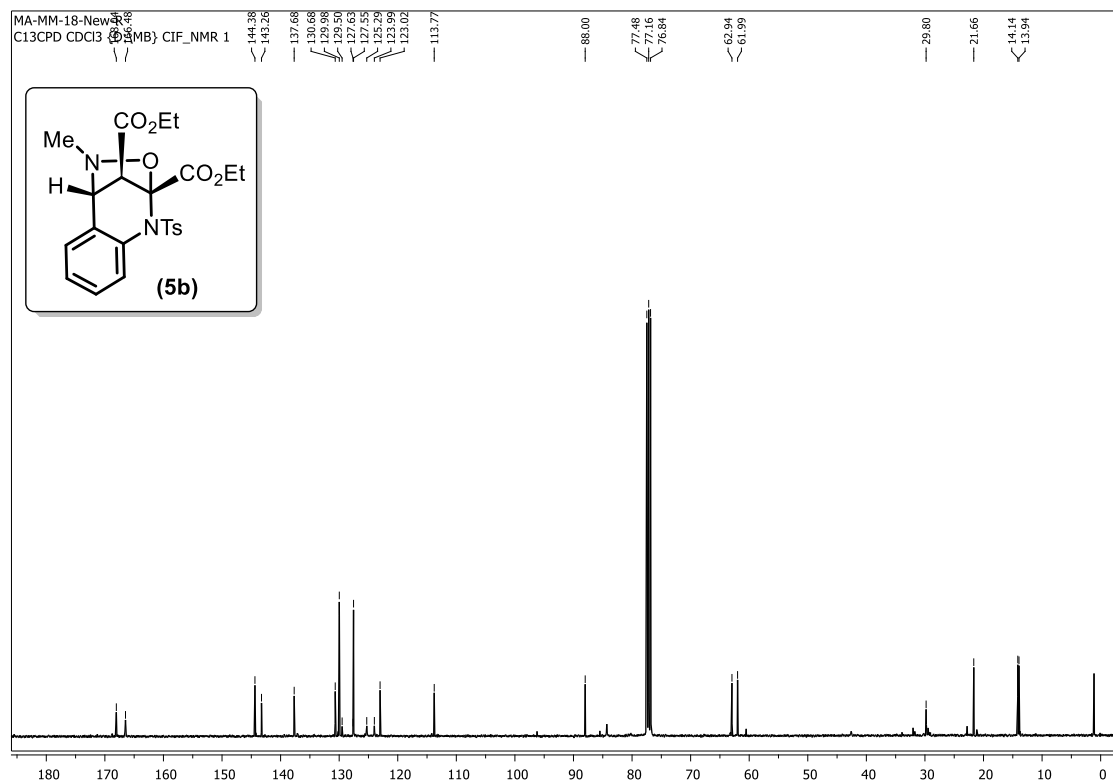
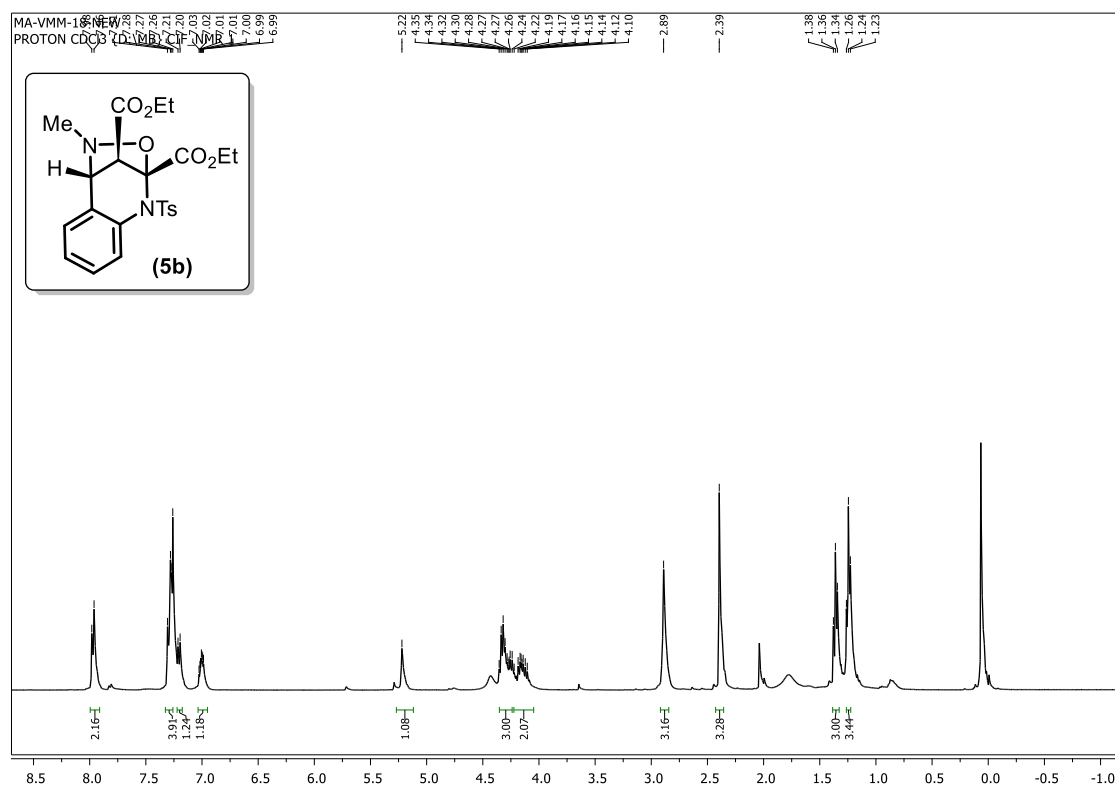
^1H and ^{13}C NMR spectrum of compound **3u**



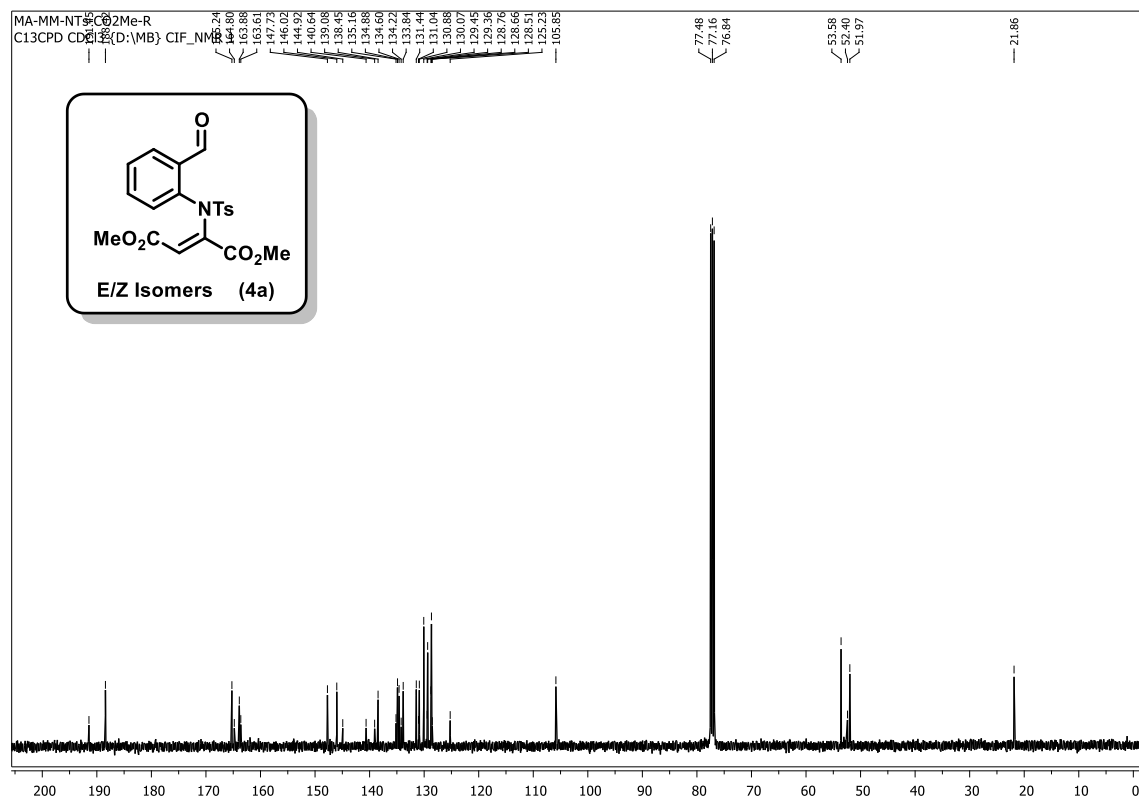
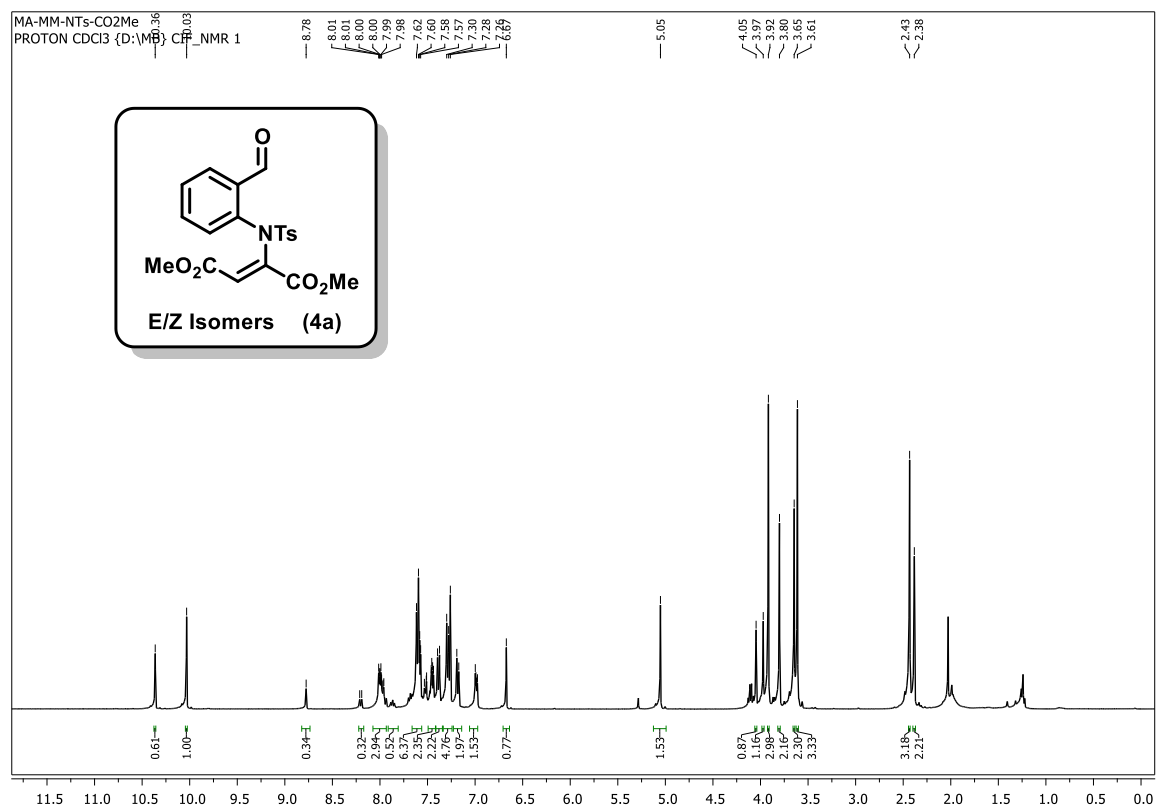
¹H and ¹³C NMR spectrum of compound **5a**



^1H and ^{13}C NMR spectrum of compound **5b**



¹H and ¹³C NMR spectrum of compound 4a



^1H and ^{13}C NMR spectrum of compound **4b**

