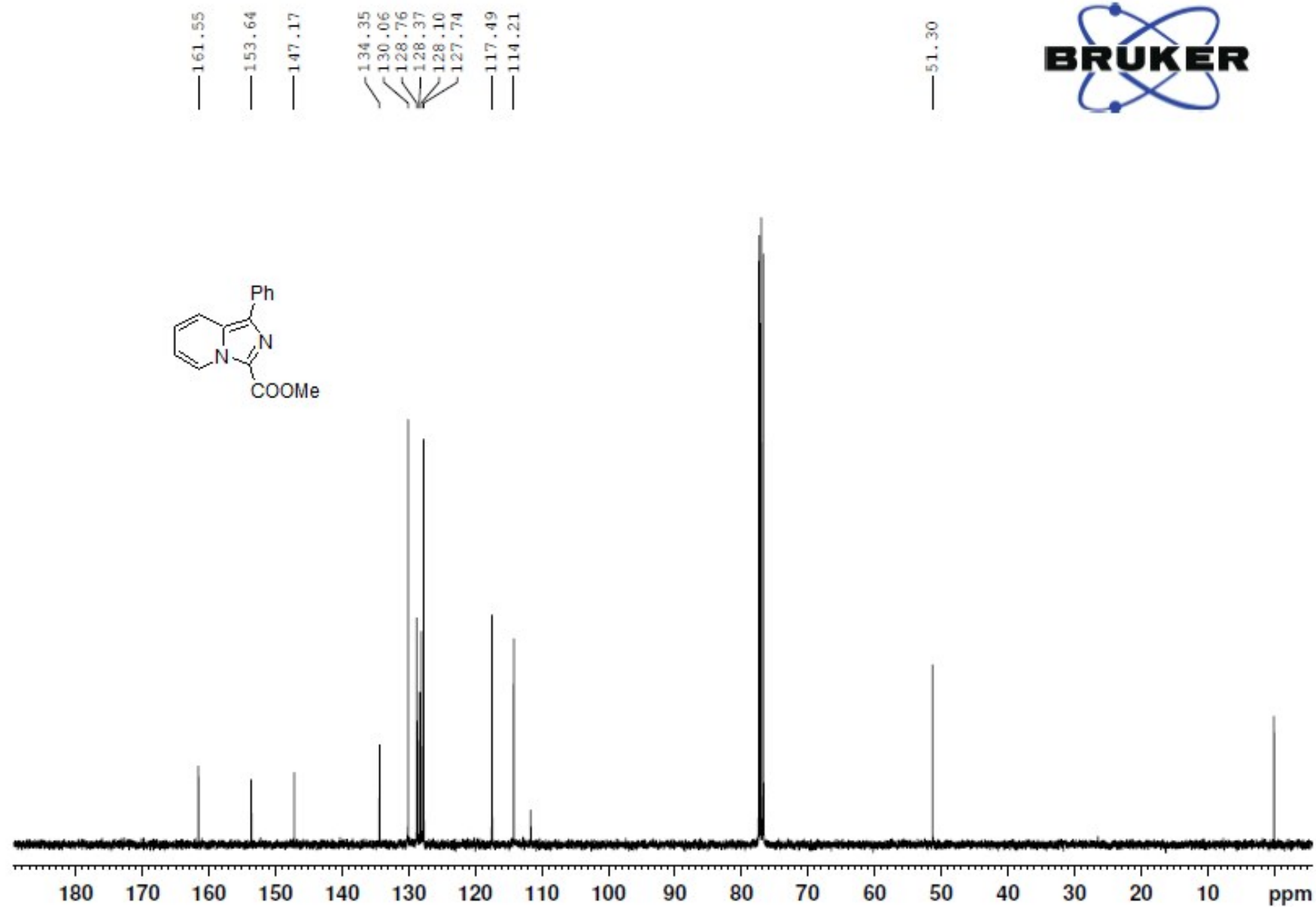
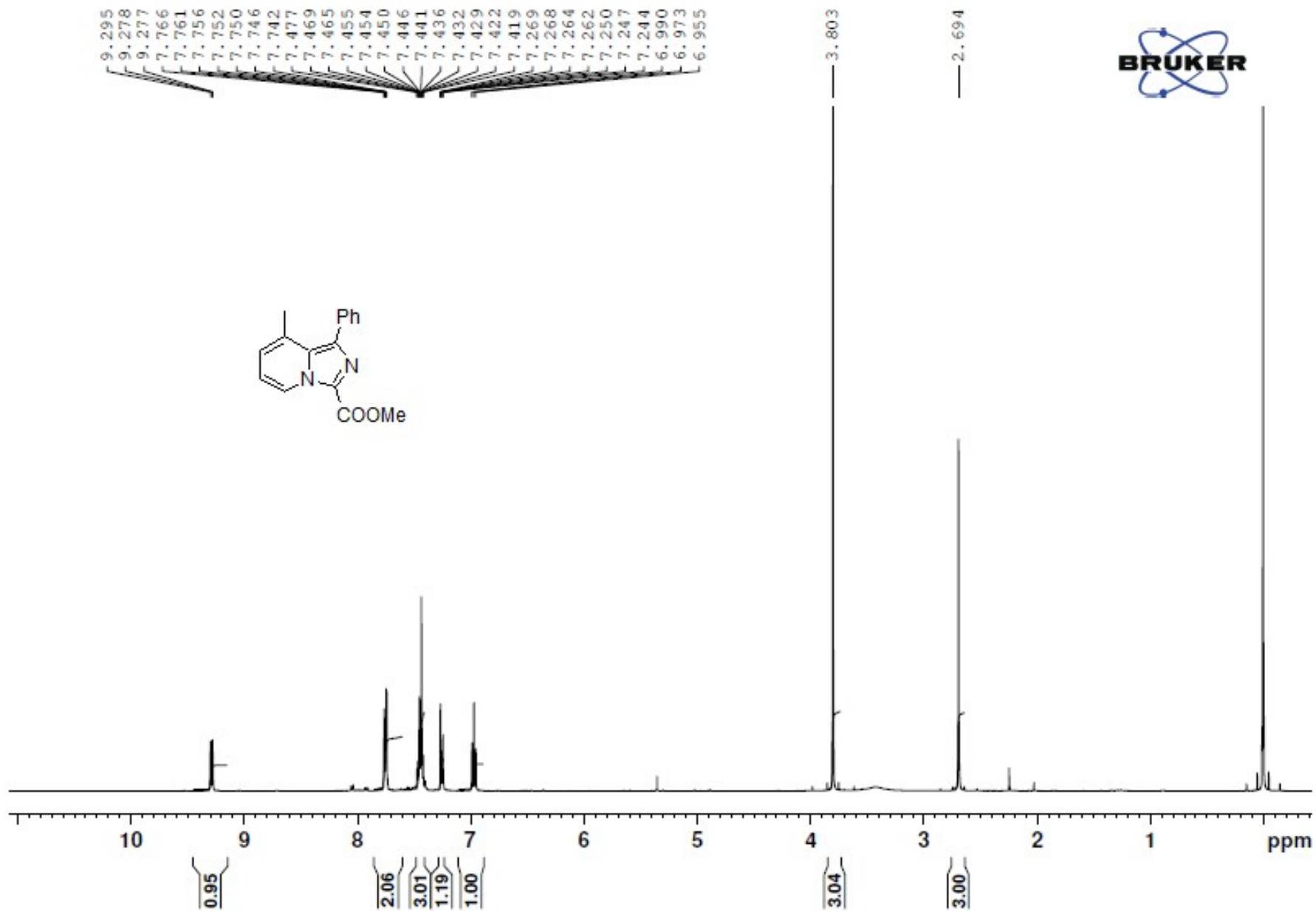


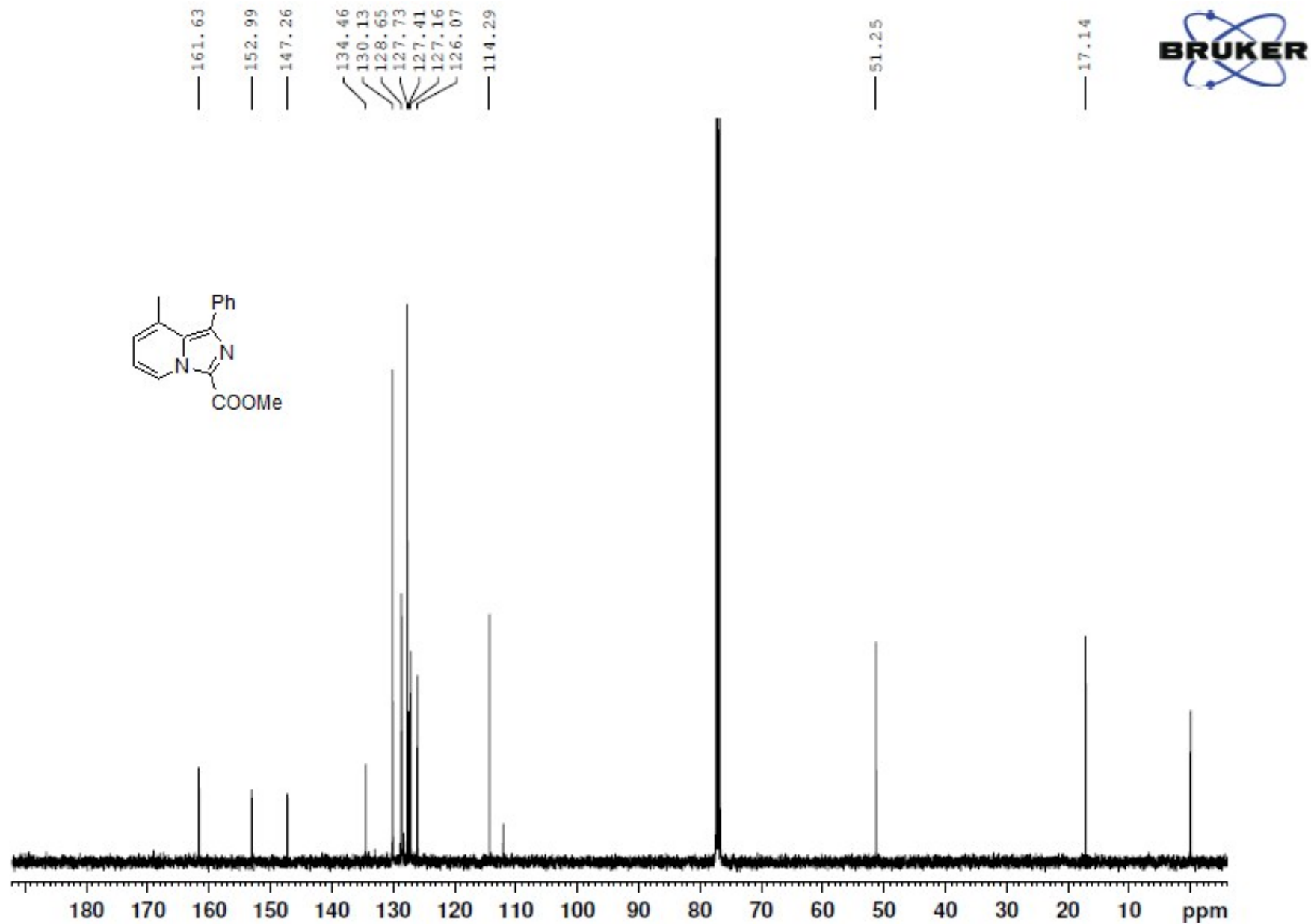
1) ¹H NMR spectra of Methyl 1-phenylimidazo[1,5-a]pyridine-3-carboxylate (3a)



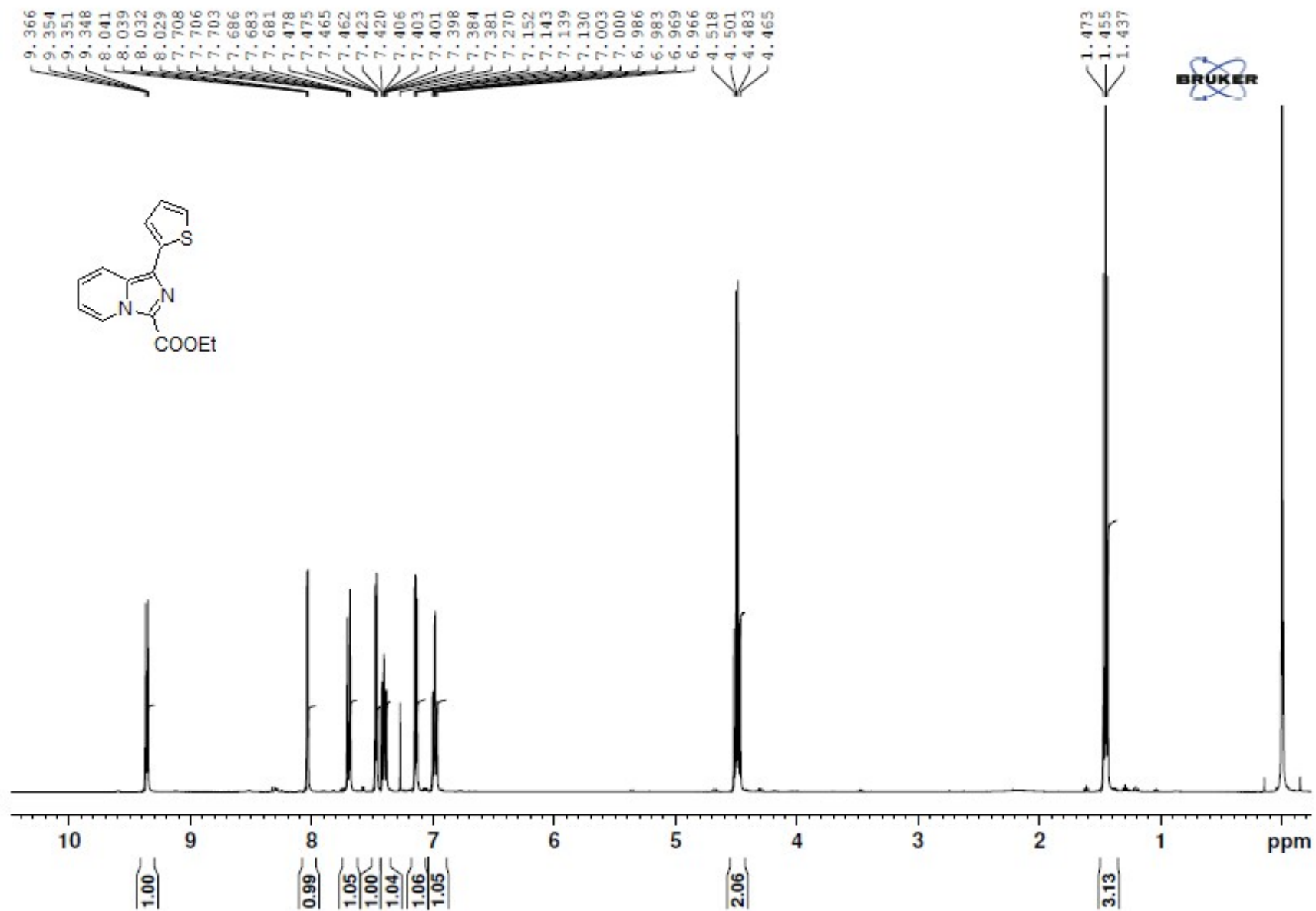
2) ¹³C NMR spectra of Methyl 1-phenylimidazo[1,5-a]pyridine-3-carboxylate (3a)



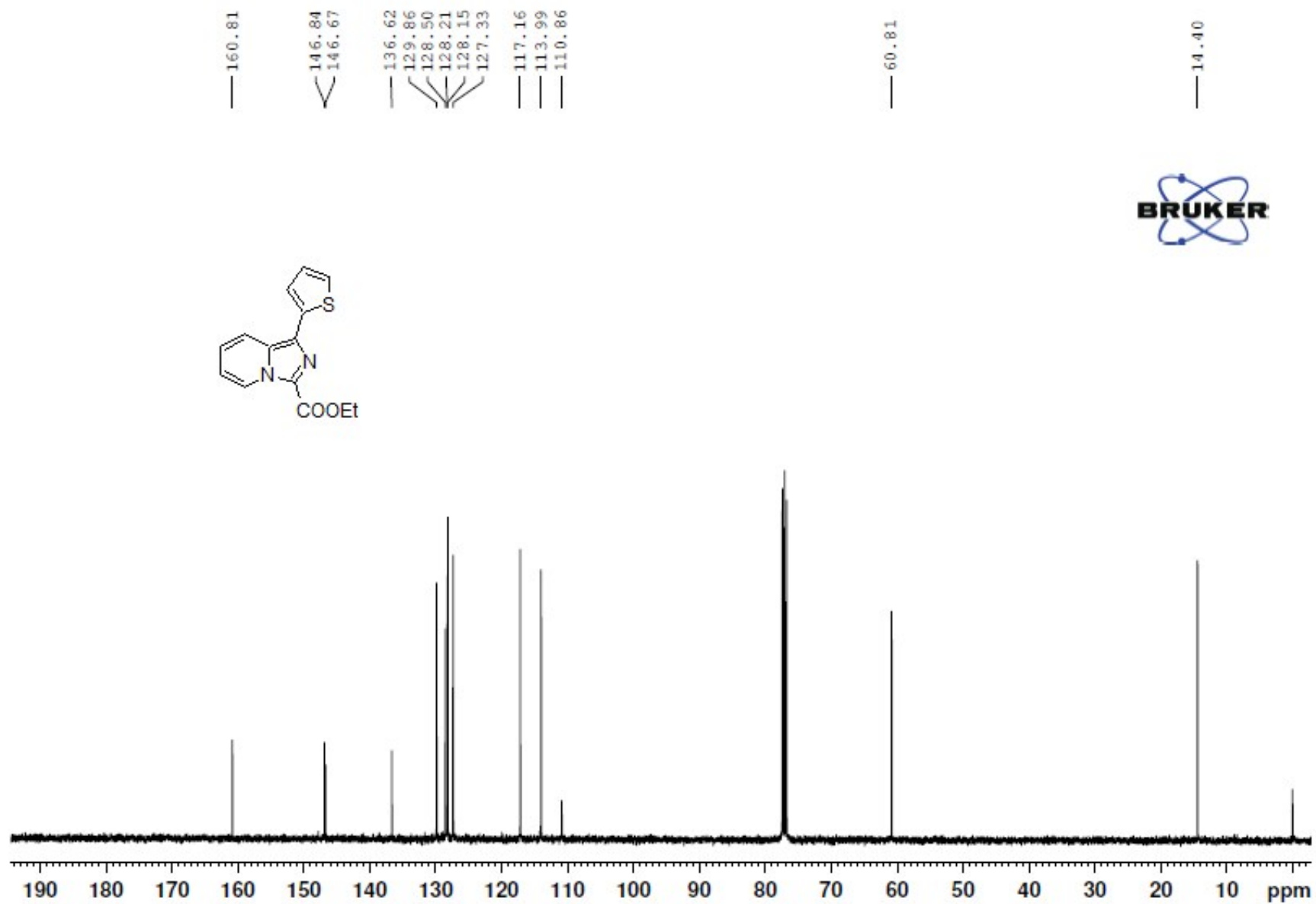
3) ¹H NMR spectra of Methyl 8-methyl-1-phenylimidazo[1,5-a]pyridine-3-carboxylate (3b)



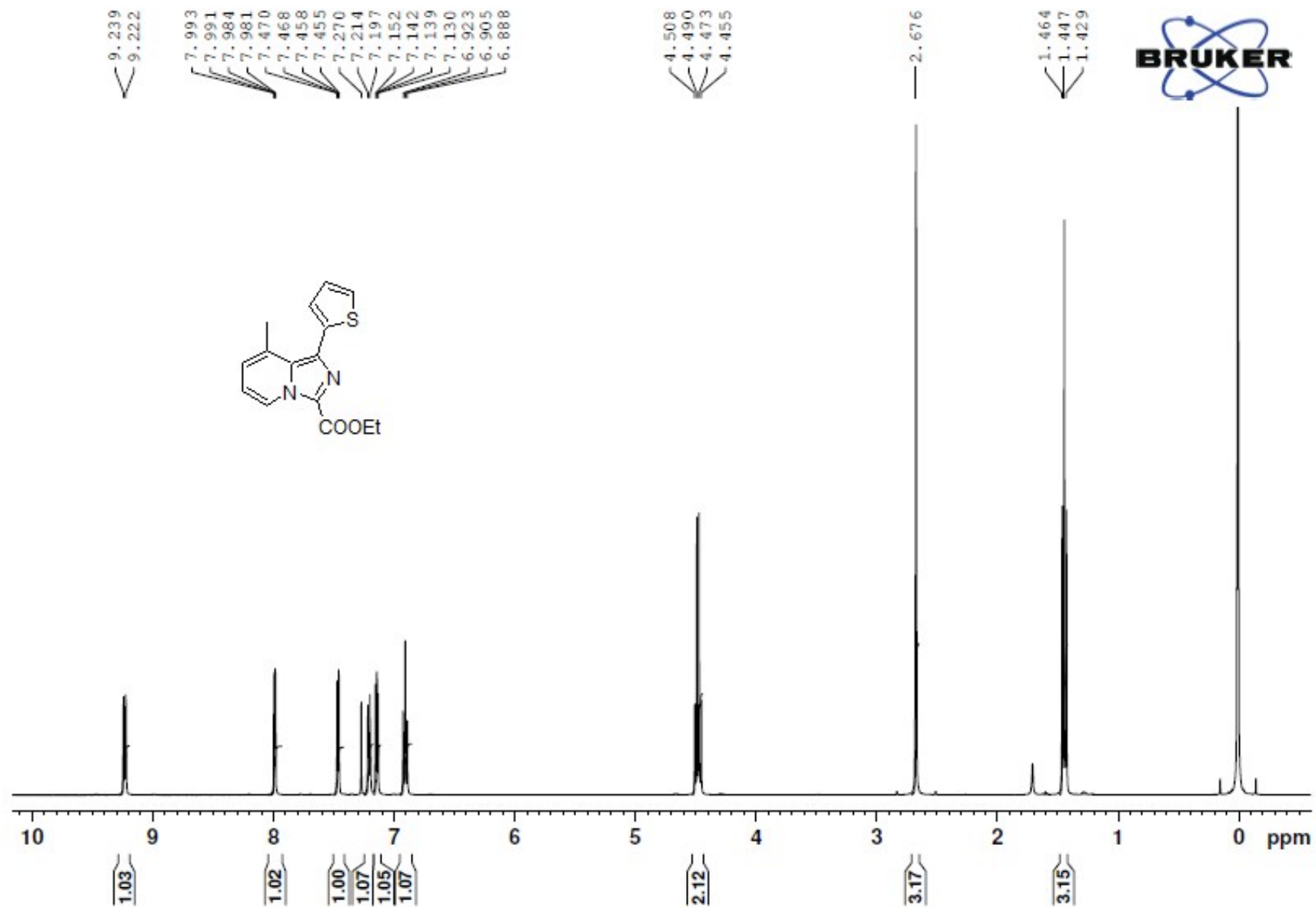
4) ^{13}C NMR spectra of Methyl 8-methyl-1-phenylimidazo[1,5-a]pyridine-3-carboxylate (3b)



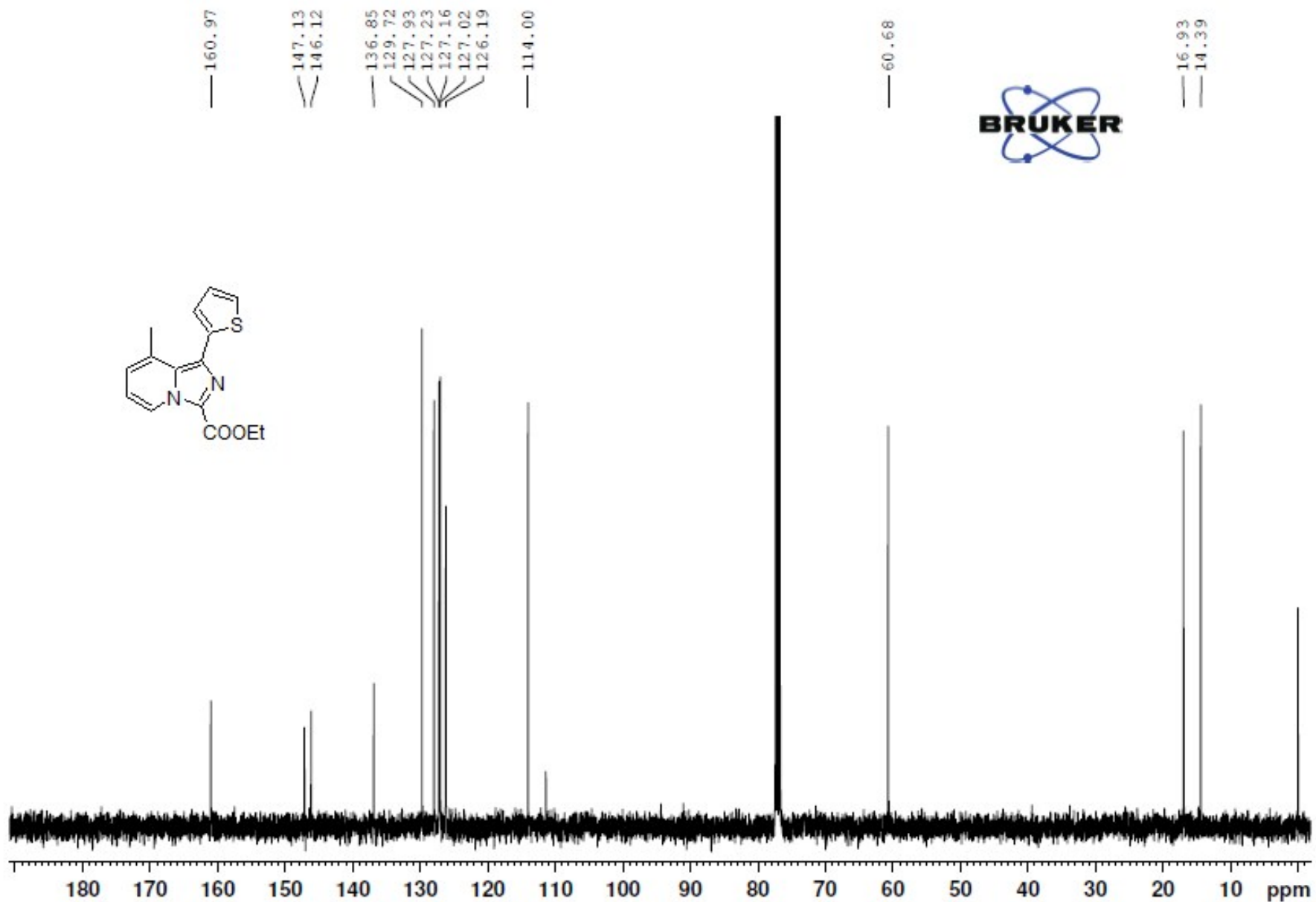
5) ¹H NMR spectra of Ethyl 1-(2-thionyl)imidazo[1,5-a]pyridine-3-carboxylate (3c)



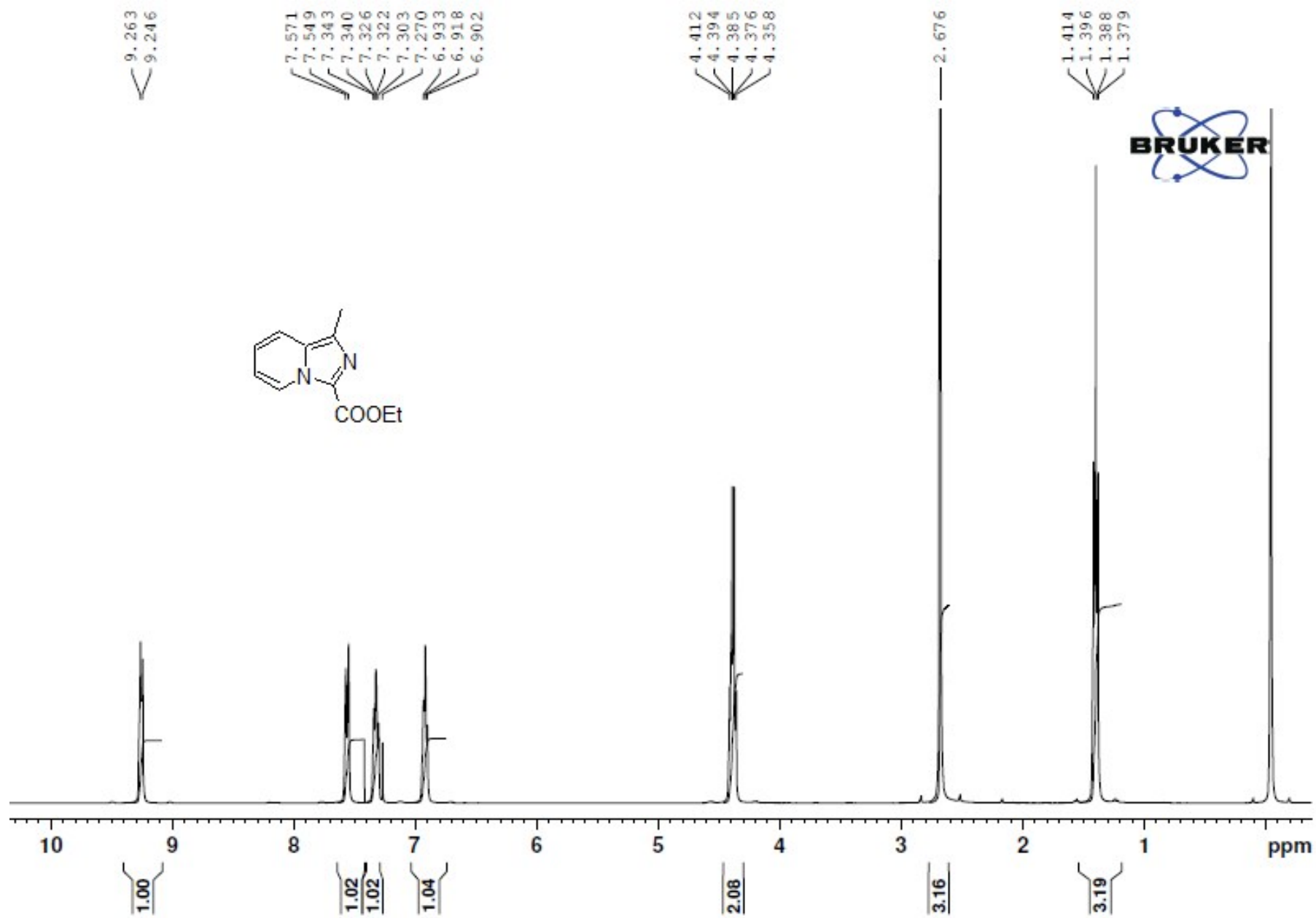
6) ¹³C NMR spectra of Ethyl 1-(2-thionyl)imidazo[1,5-a]pyridine-3-carboxylate (3c)



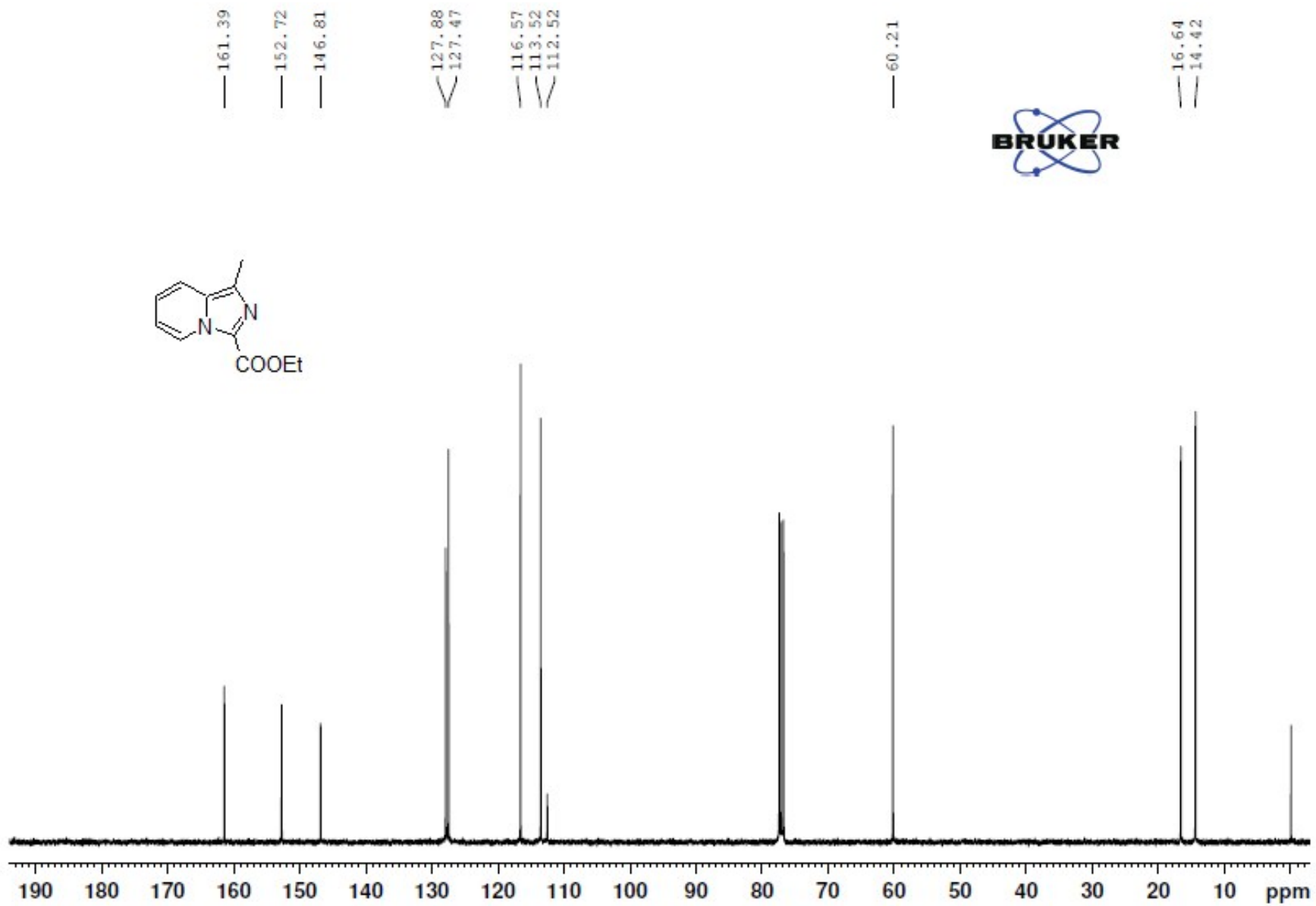
7) ¹H NMR spectra of Ethyl 1-(2-thionyl)-8-methylimidazo[1,5-a]pyridine-3-carboxylate (3d)



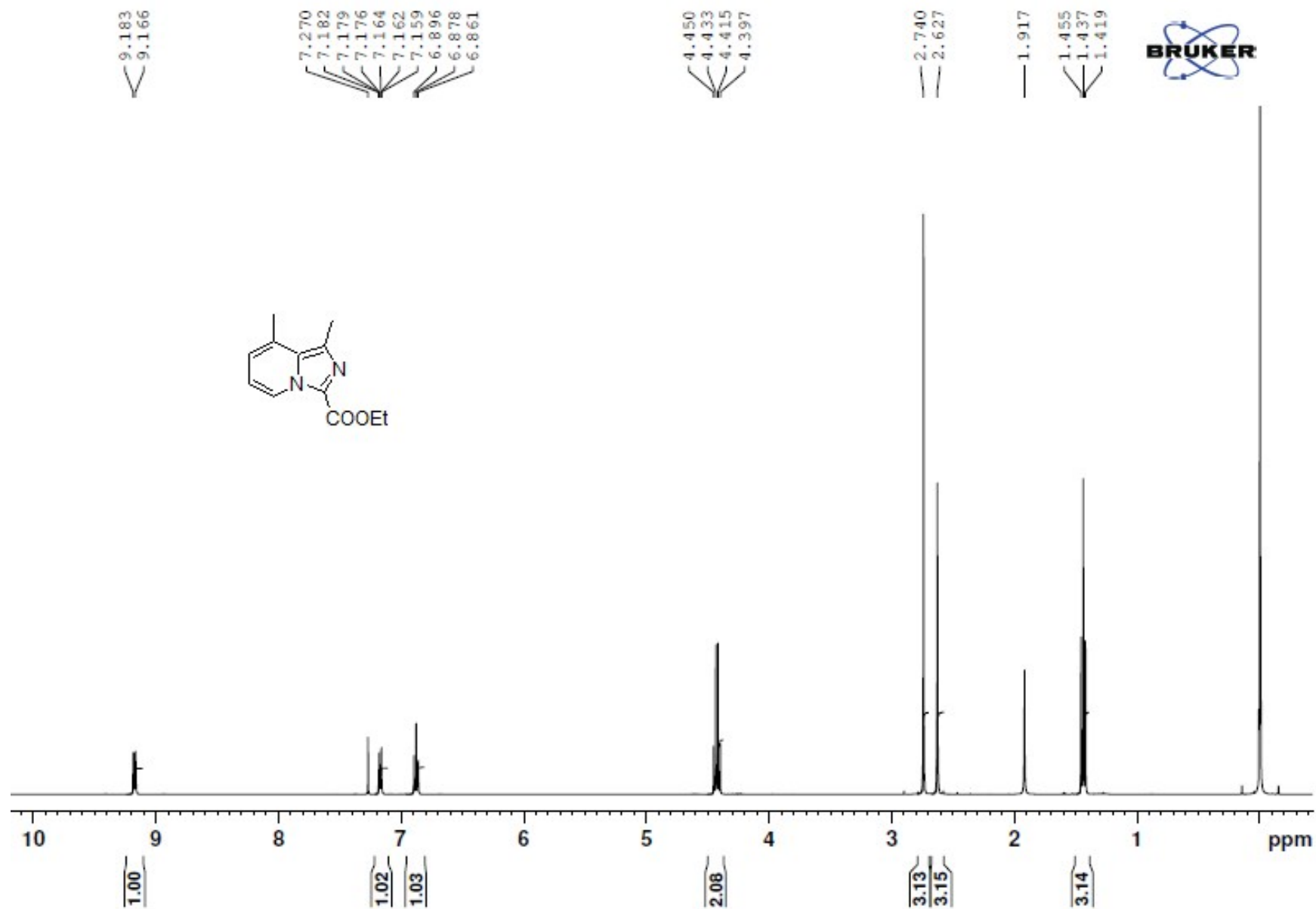
8) ¹³C NMR spectra of Ethyl 1-(2-thionyl)-8-methylimidazo[1,5-a]pyridine-3-carboxylate (3d)



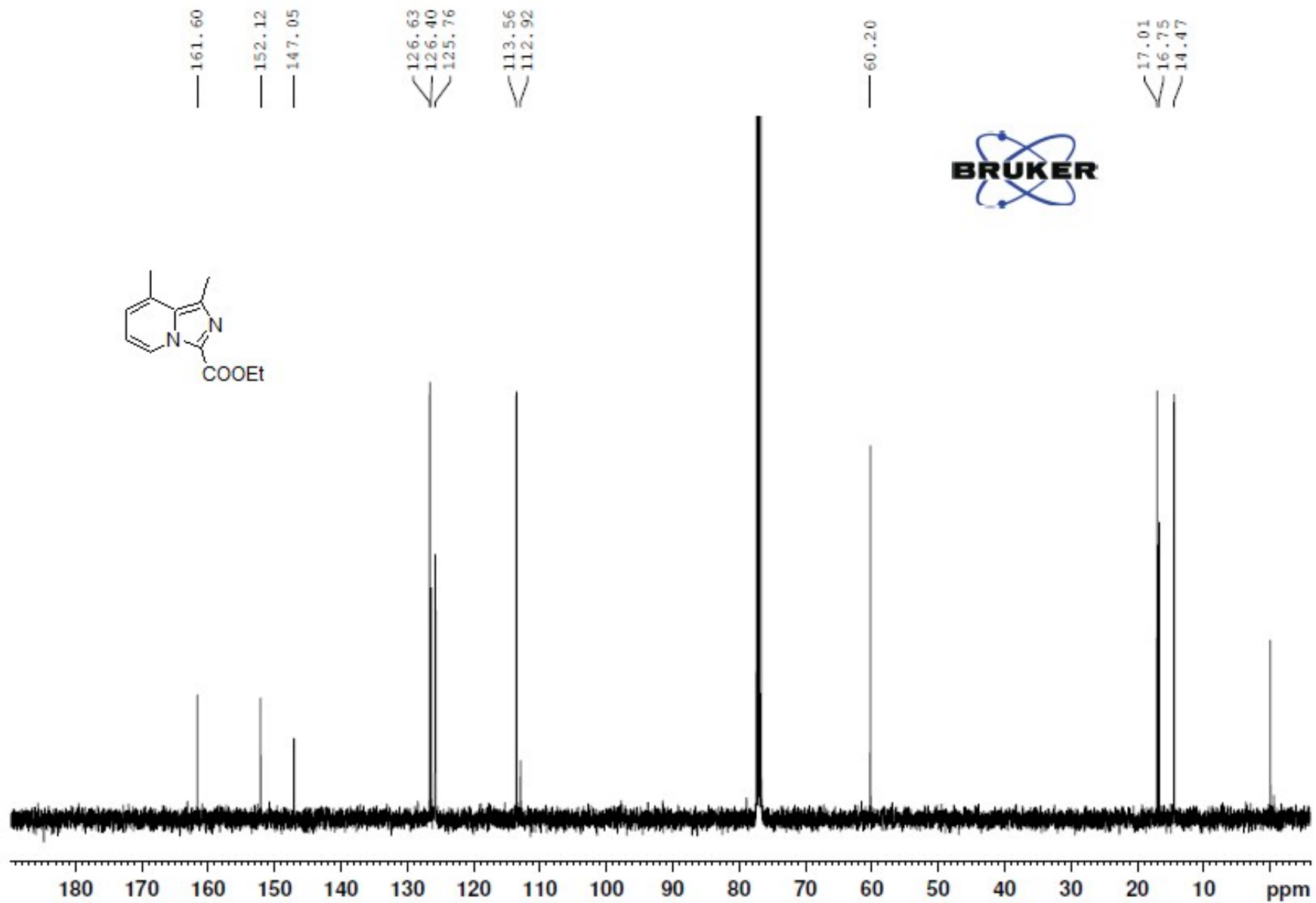
9) ¹H NMR spectra of Ethyl 1-methylimidazo[1,5-a]pyridine-3-carboxylate (3e)



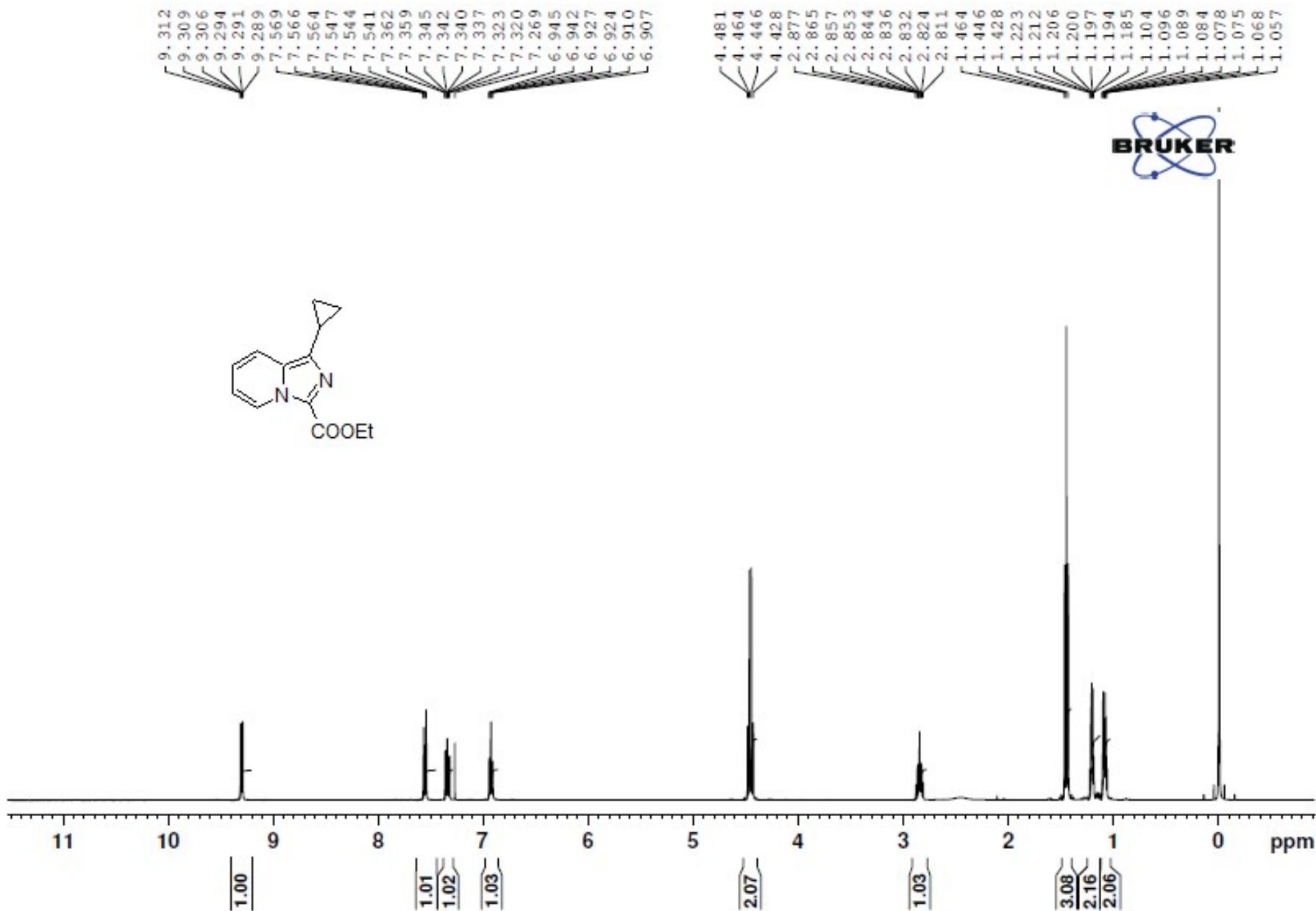
10) ¹³C NMR spectra of Ethyl 1-methylimidazo[1,5-a]pyridine-3-carboxylate (3e)



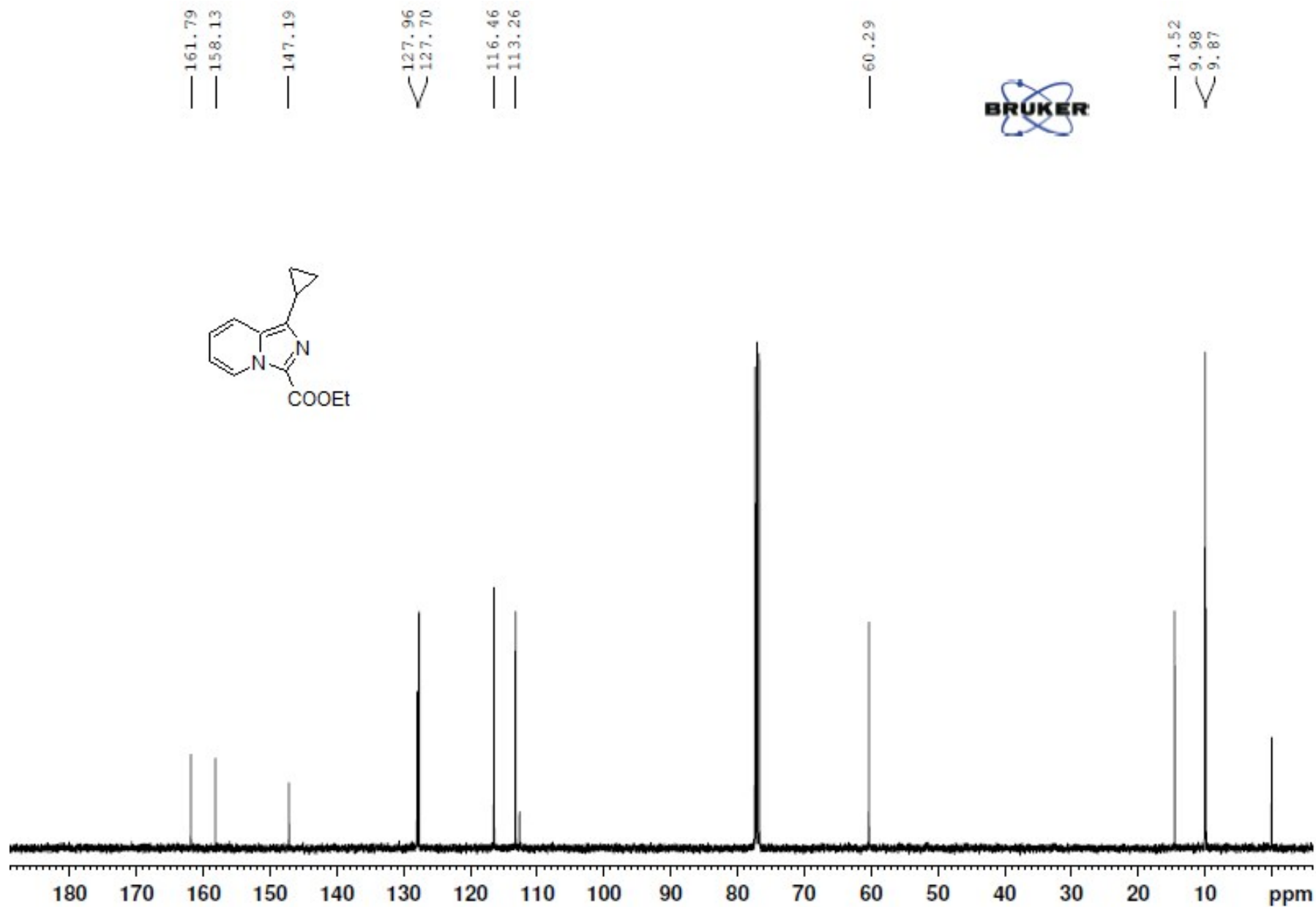
11) ¹H NMR spectra of Ethyl 1,8-dimethylimidazo[1,5-a]pyridine-3-carboxylate (3f)



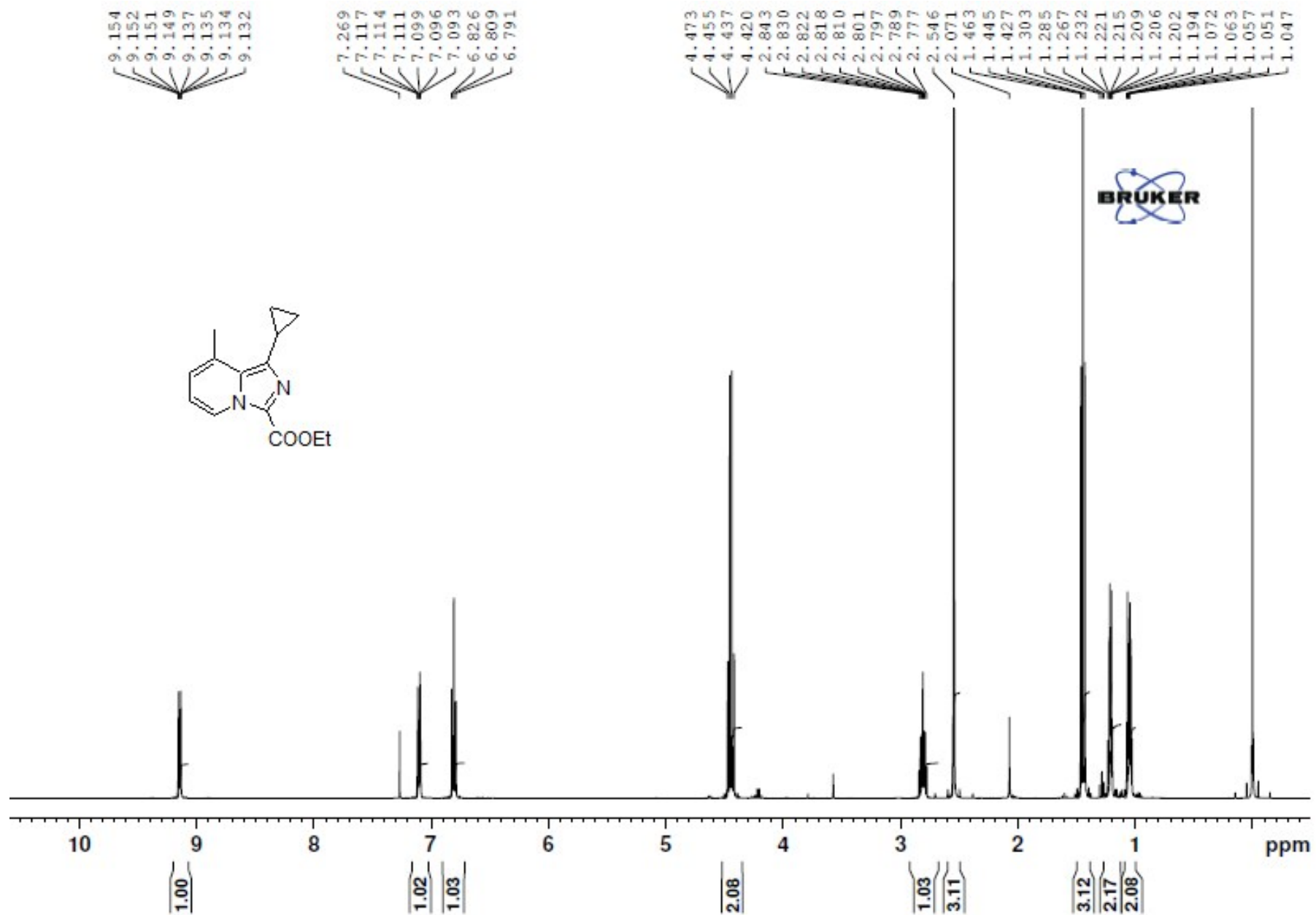
12) ¹³C NMR spectra of Ethyl 1,8-dimethylimidazo[1,5-a]pyridine-3-carboxylate (3f)



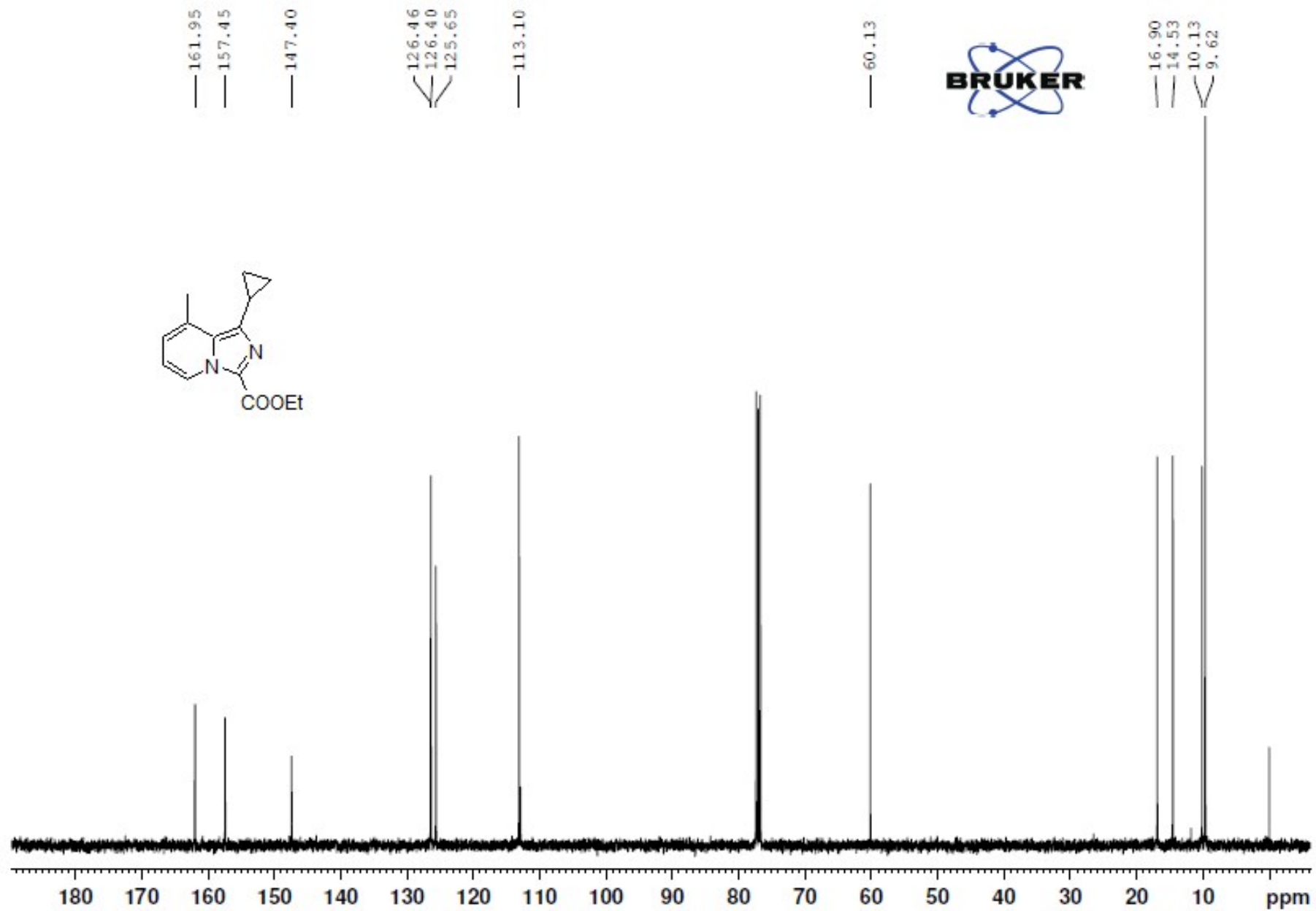
13) ¹H NMR spectra of Ethyl 1-cyclopropylimidazo[1,5-a]pyridine-3-carboxylate (3g)



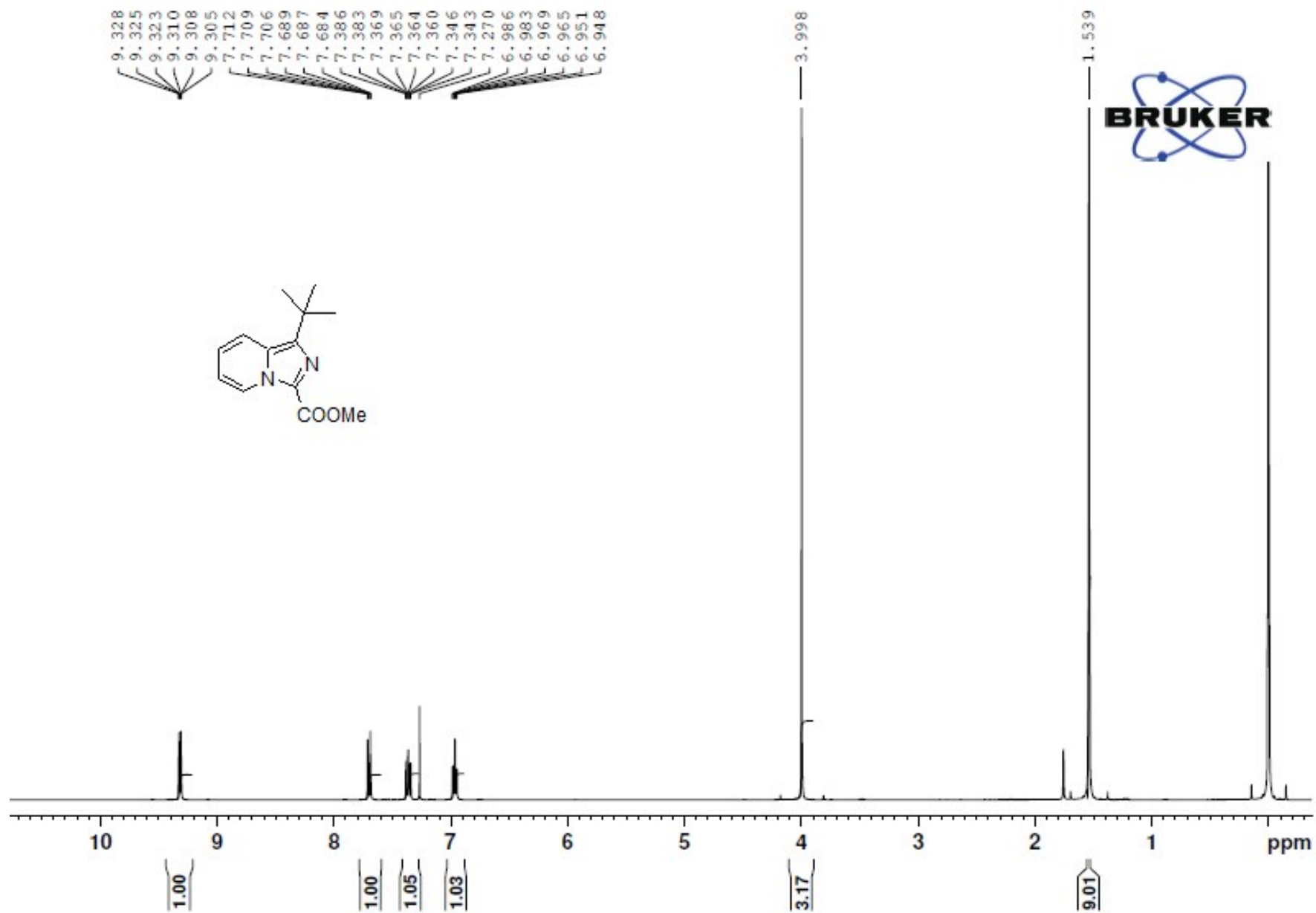
14) ^{13}C NMR spectra of Ethyl 1-cyclopropylimidazo[1,5-a]pyridine-3-carboxylate (3g)



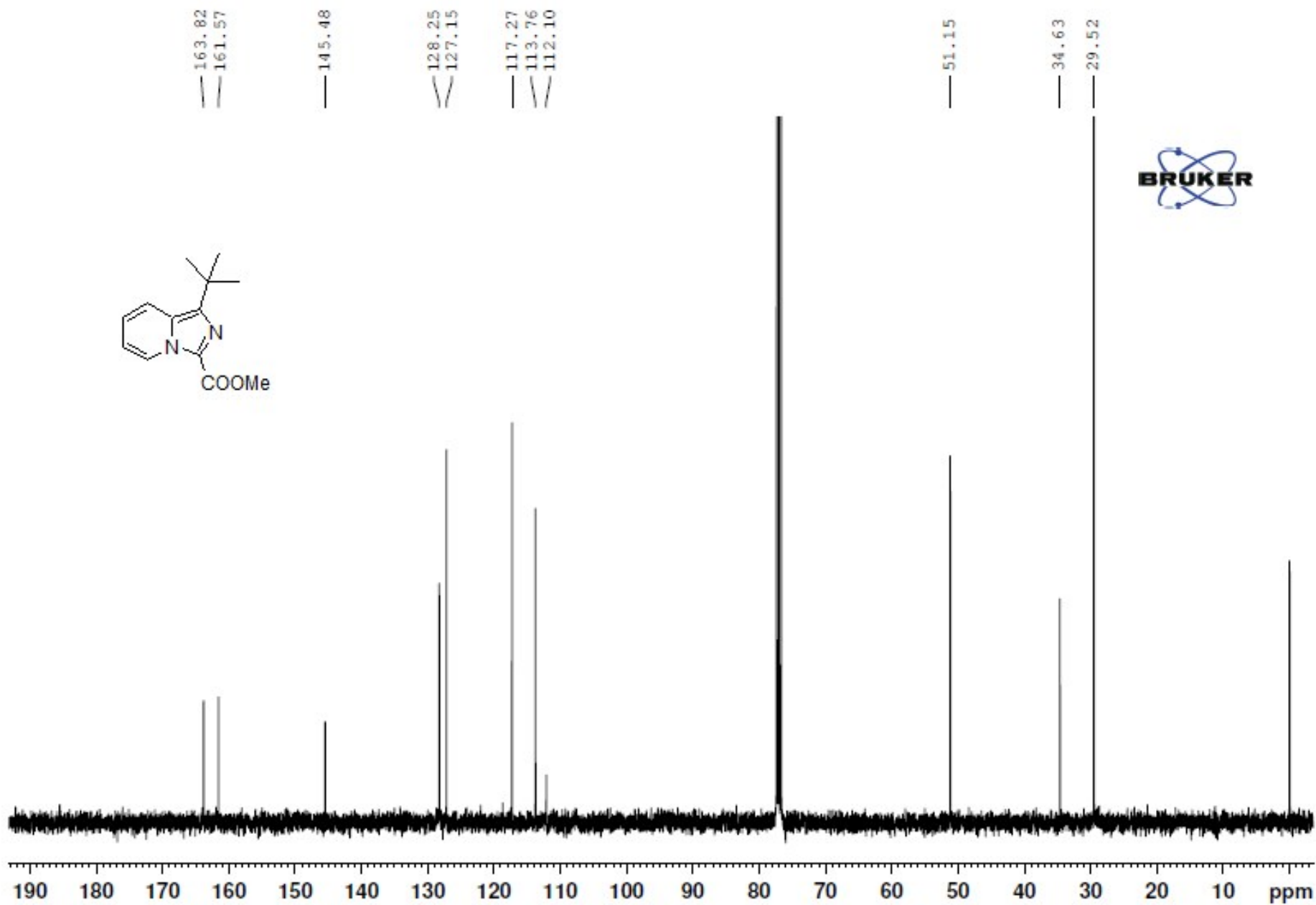
15) ¹H NMR spectra of Ethyl 1-cyclopropyl-8-methylimidazo[1,5-a]pyridine-3-carboxylate (3h)



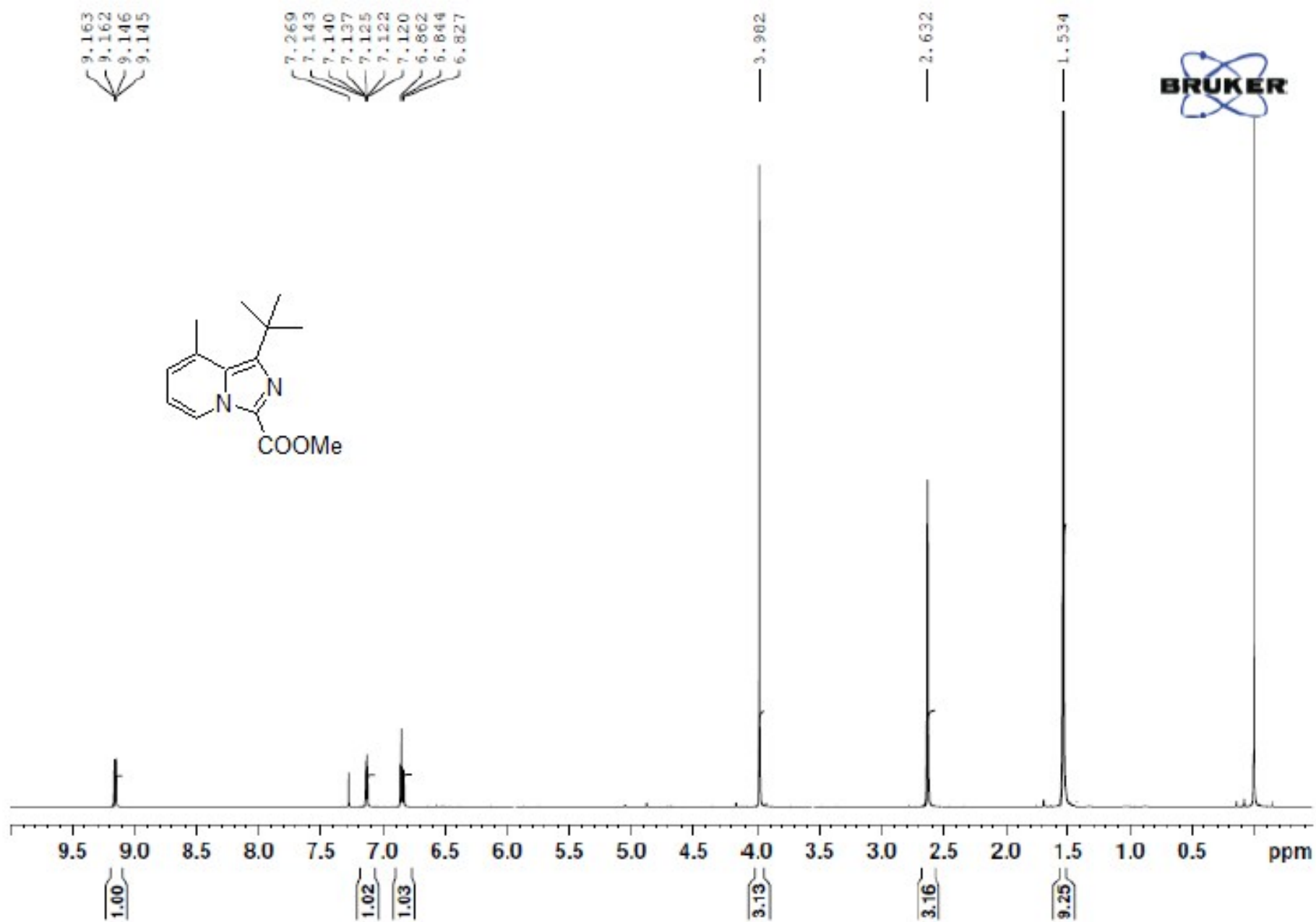
16) ¹³C NMR spectra of Ethyl 1-cyclopropyl-8-methylimidazo[1,5-a]pyridine-3-carboxylate (3h)



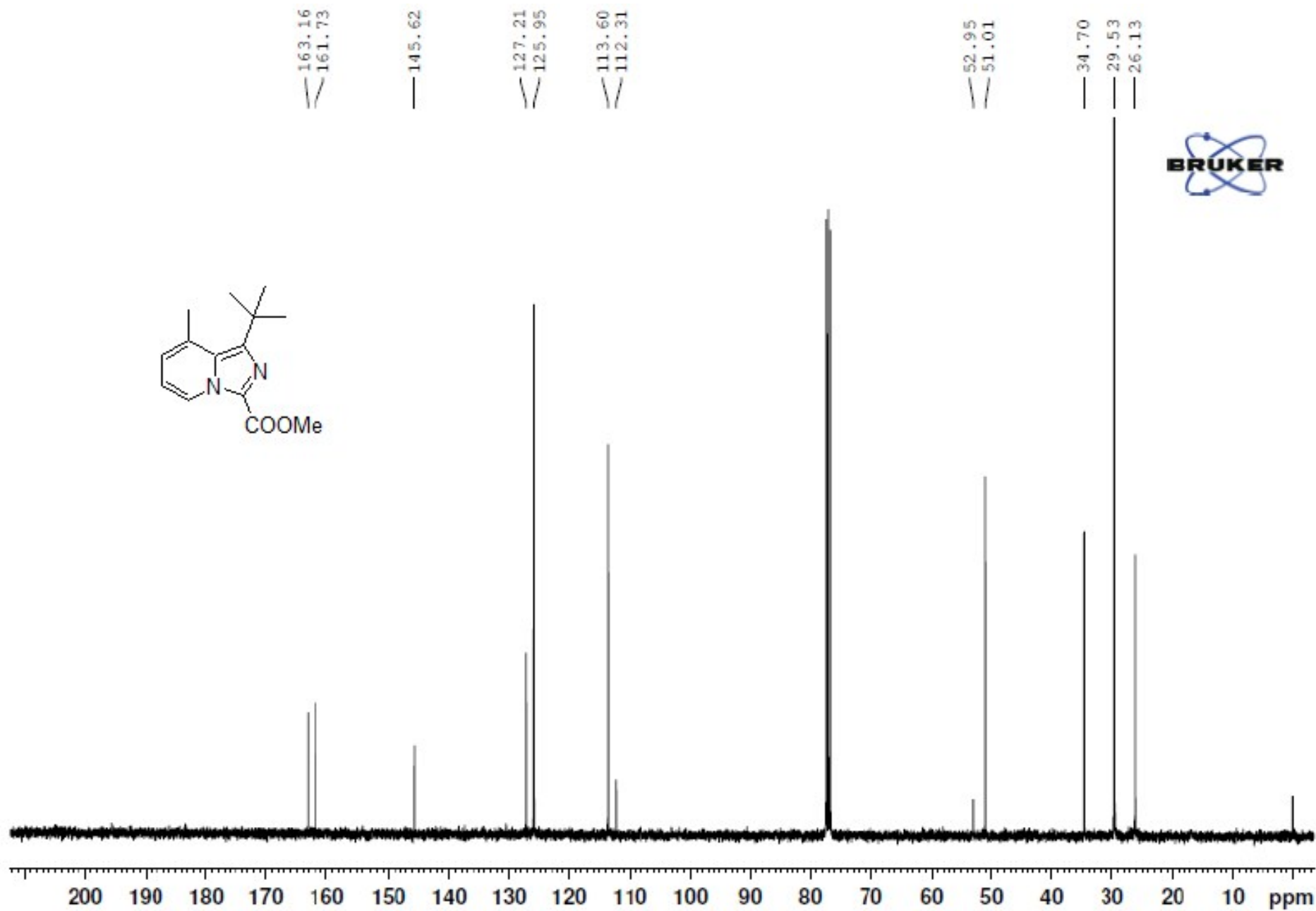
17) ¹H NMR spectra of Methyl 1-tert-butylimidazo[1,5-a]pyridine-3-carboxylate (3i)



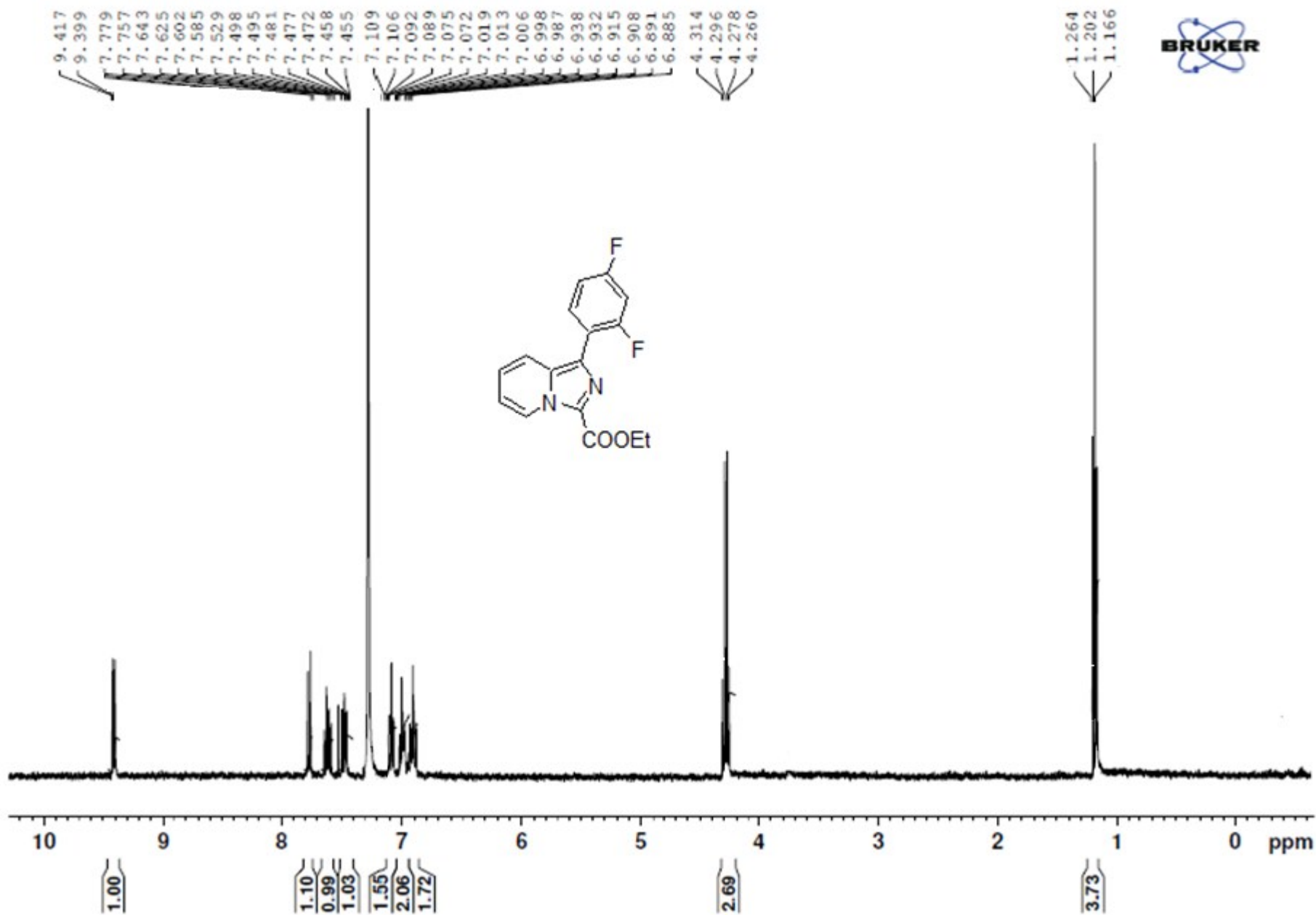
18) ^{13}C NMR spectra of Methyl 1-tert-butylimidazo[1,5-a]pyridine-3-carboxylate (3i)



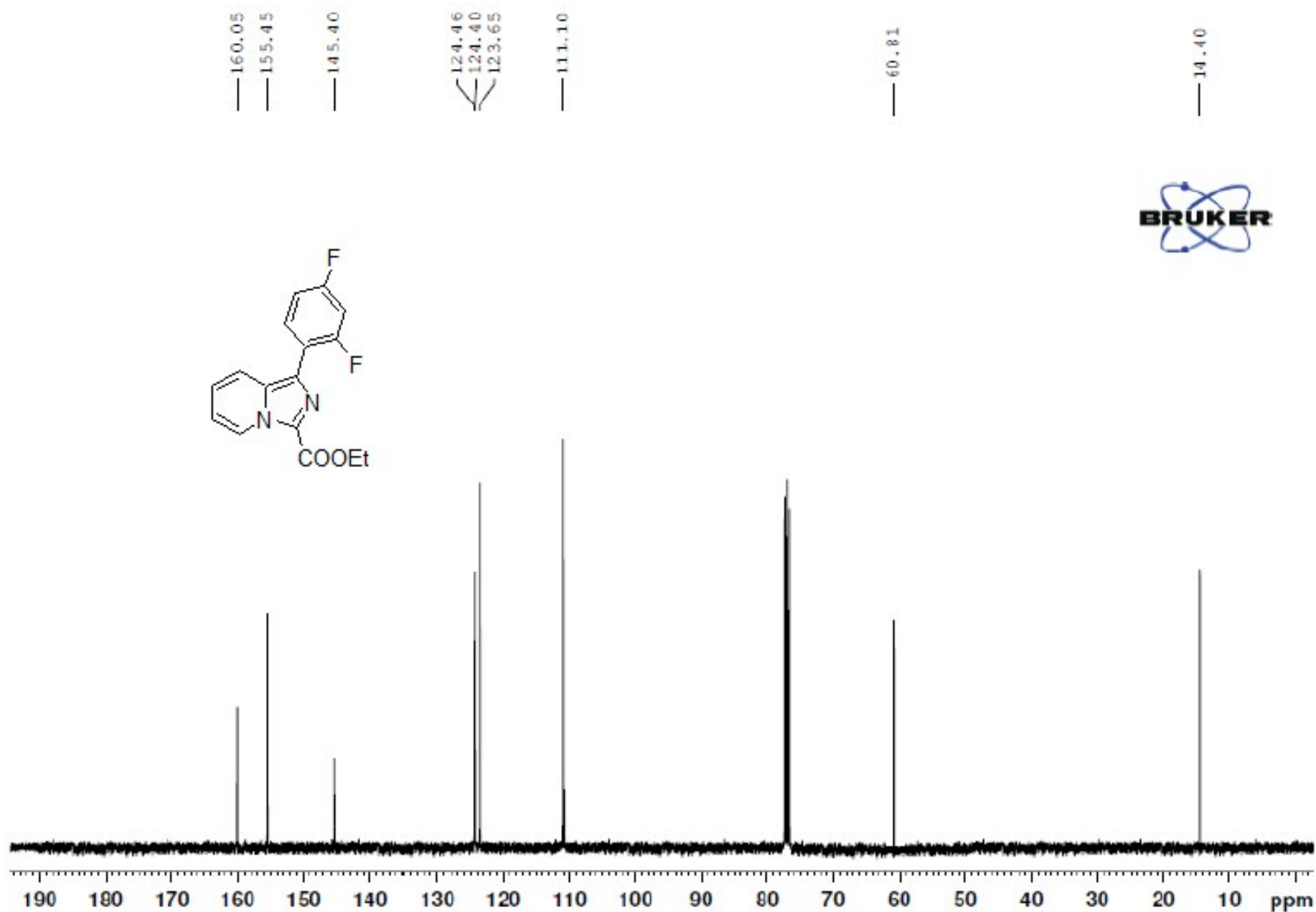
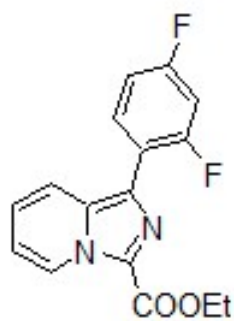
19) ¹H NMR spectra of Methyl 1-tert-butylimidazo[1,5-a]pyridine-3-carboxylate (3j)



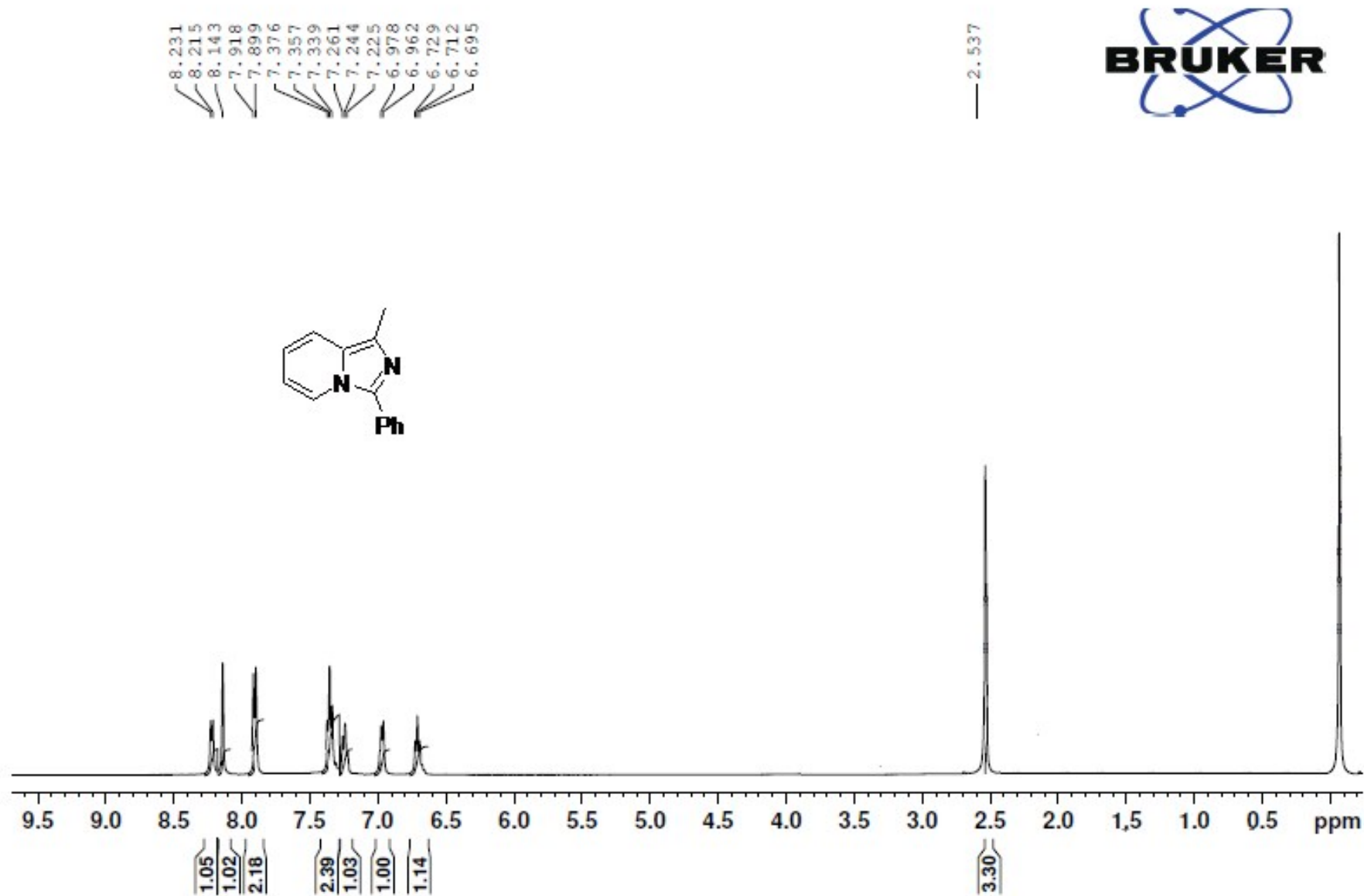
20) ^{13}C NMR spectra of Methyl 1-tert-butylimidazo[1,5-a]pyridine-3-carboxylate (3j)



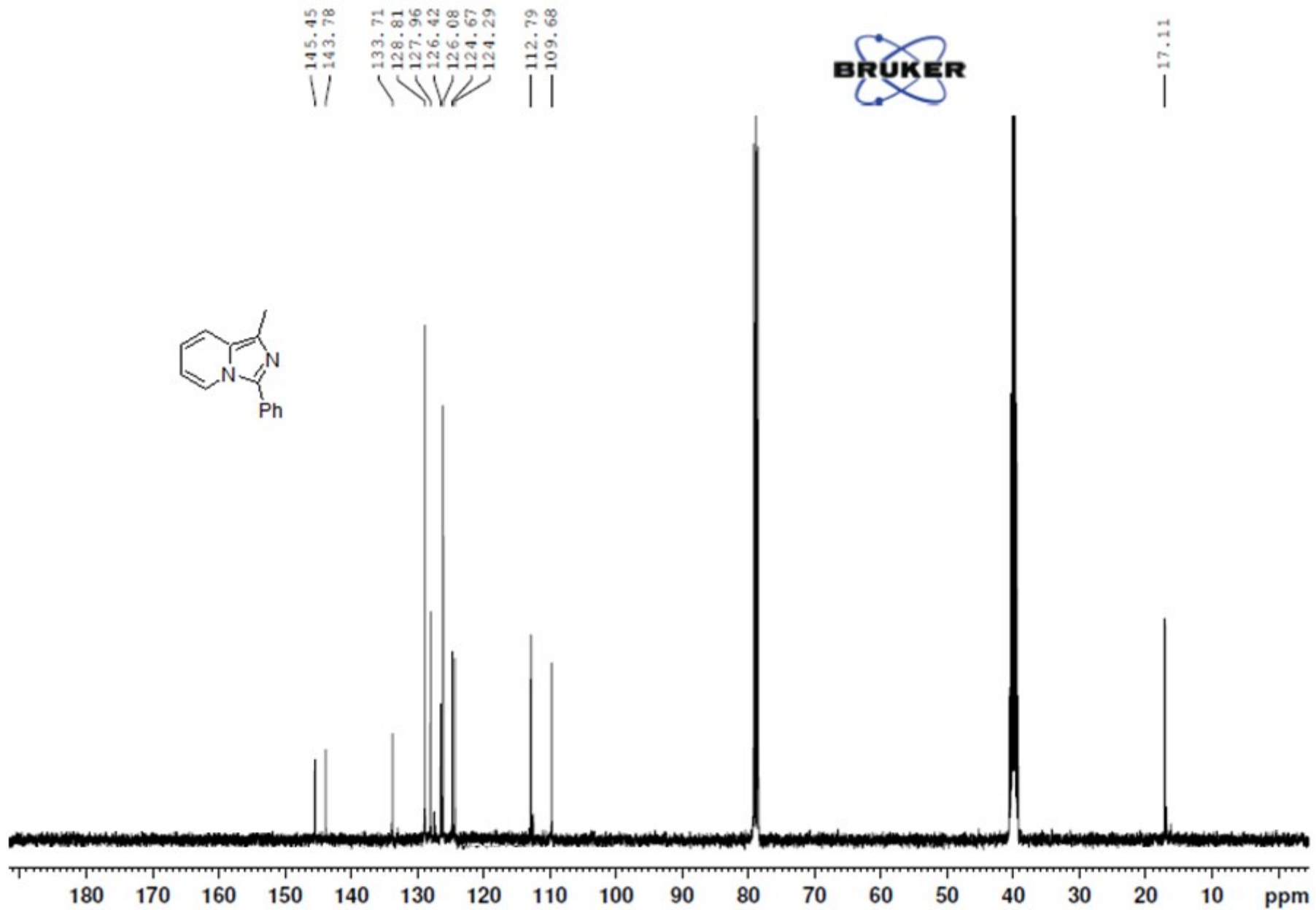
21) ¹H NMR spectra of Ethyl 1-(2,4-difluorophenyl)imidazo[1,5-a]pyridine-3-carboxylate (3k)



22) ^{13}C NMR spectra of Ethyl 1-(2,4-difluorophenyl)imidazo[1,5-a]pyridine-3-carboxylate (3k)



23) ^1H NMR spectra of 1-Methyl-3-phenylimidazo[1,5-a]pyridine (3m)



24) ¹³C NMR spectra of 1-Methyl-3-phenylimidazo[1,5-a]pyridine (3m)