

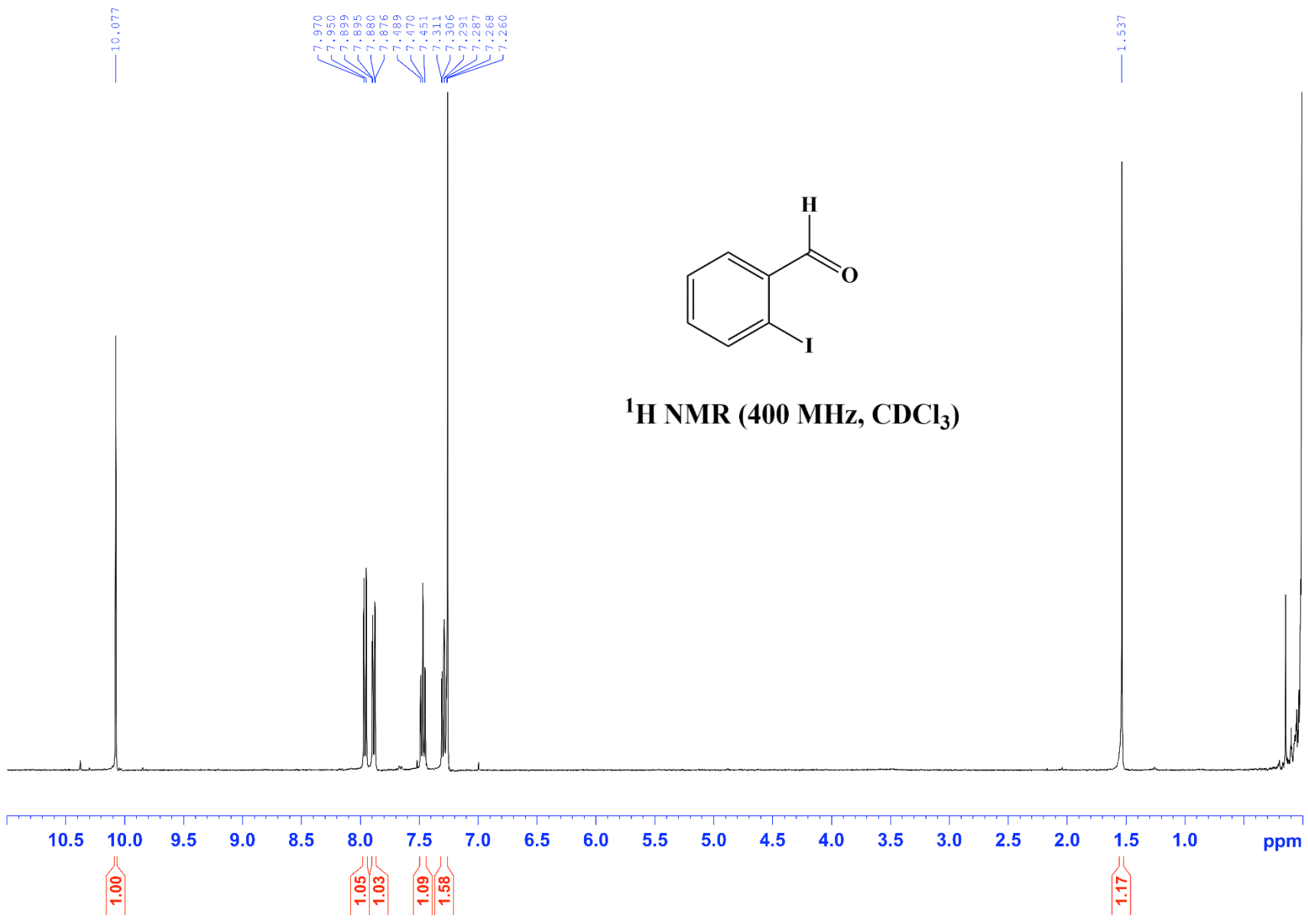
Supporting Information
for
**One-pot synthesis of hypervalent diaryl(iodo)bismuthanes from *o*-carbonyl
iodoarenes by zincation**

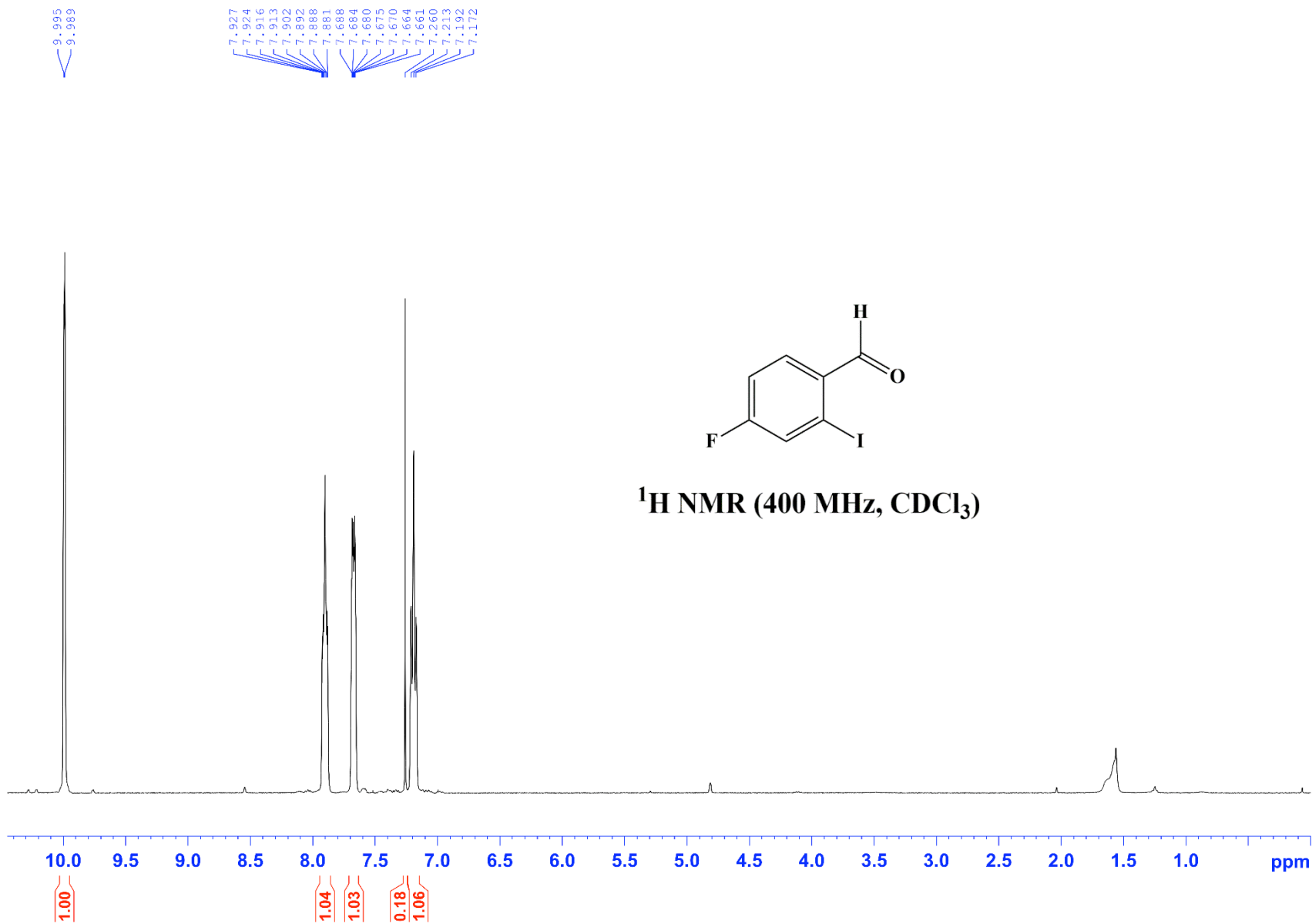
Toshihiro Murafuji,* A. F. M. Hafizur Rahman, Daiki Magarifuchi, Masahiro Narita, Isamu Miyakawa, Katsuya Ishiguro and Shin Kamijo

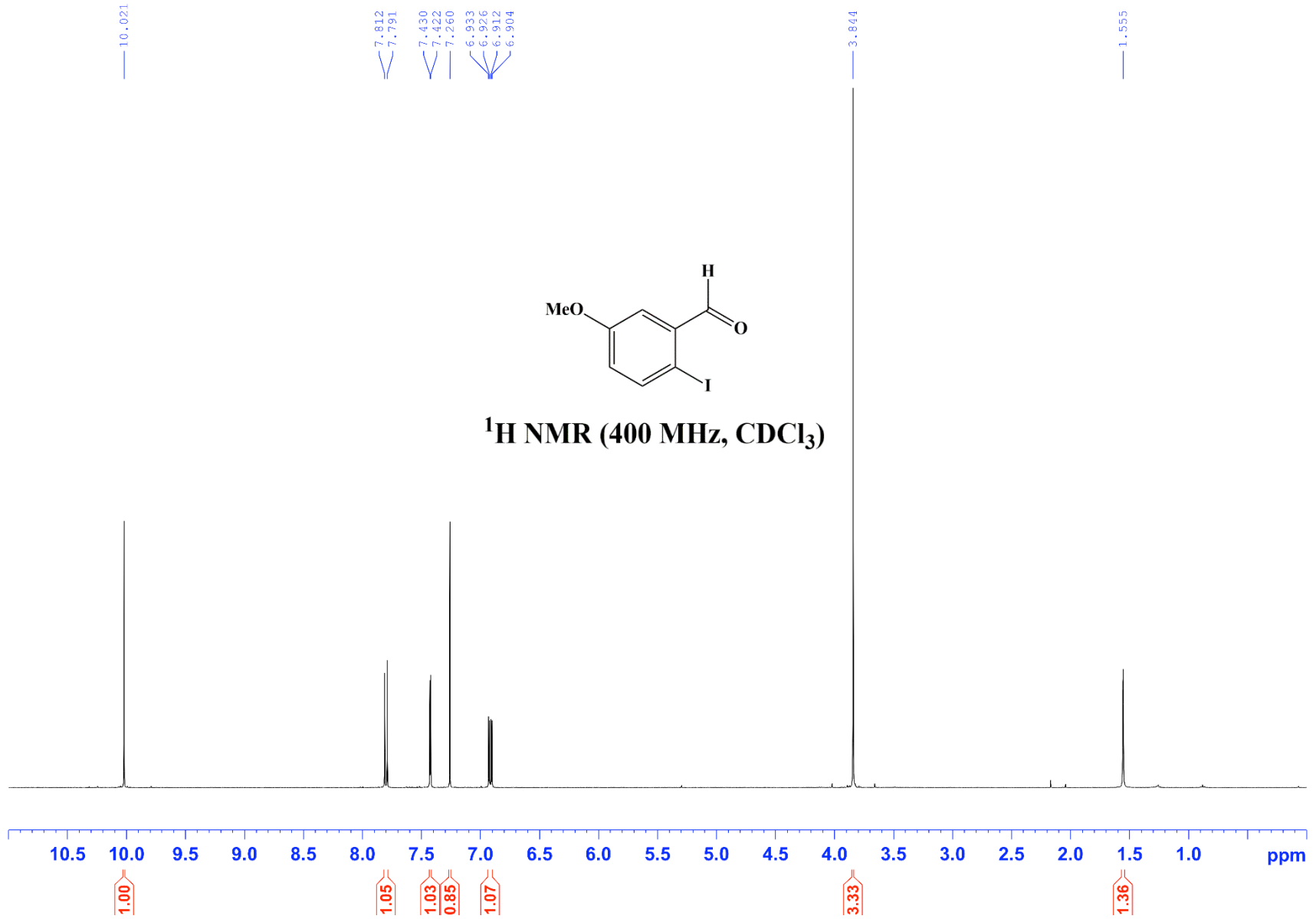
E-mail: murafuji@yamaguchi-u.ac.jp

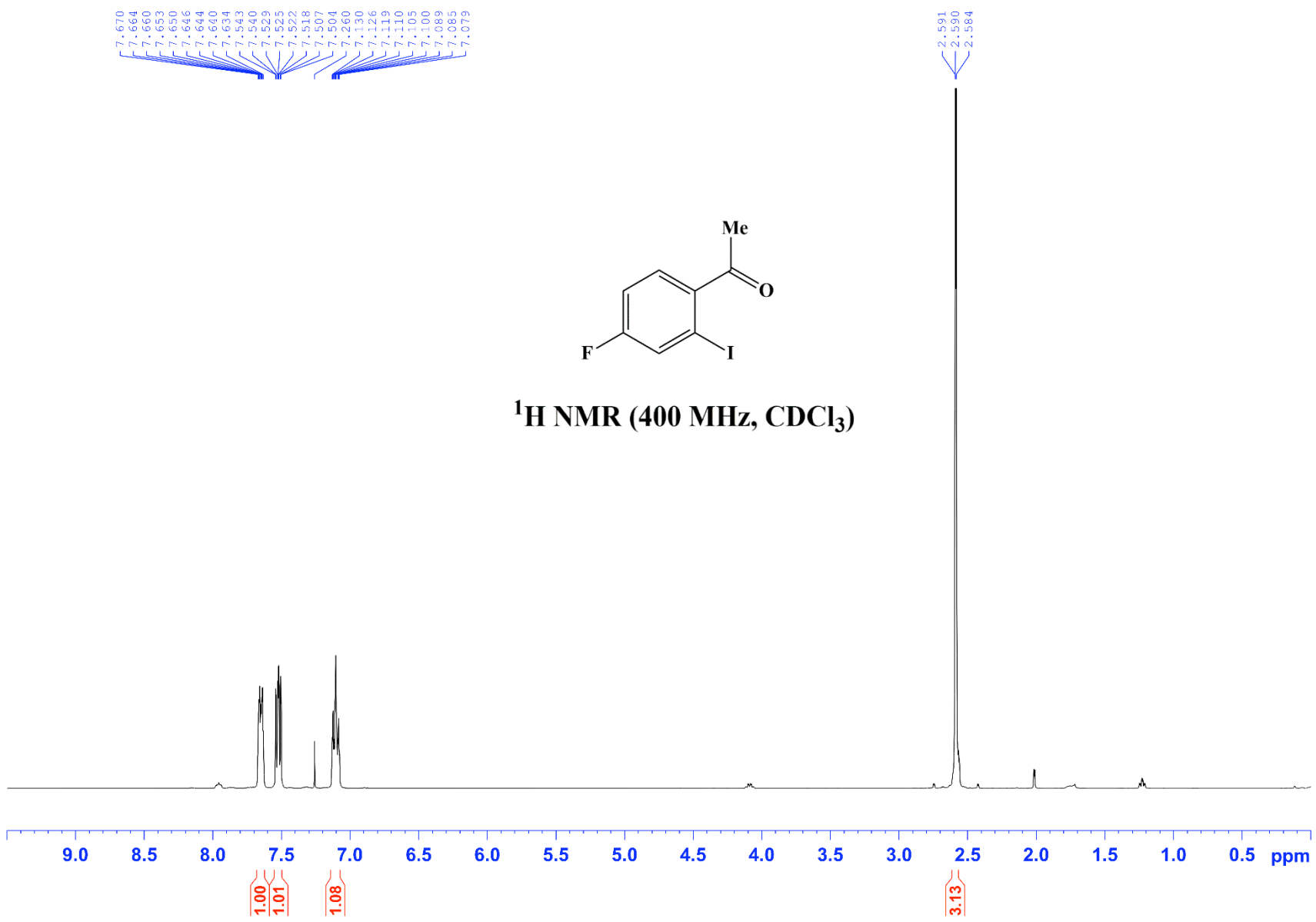
Contents

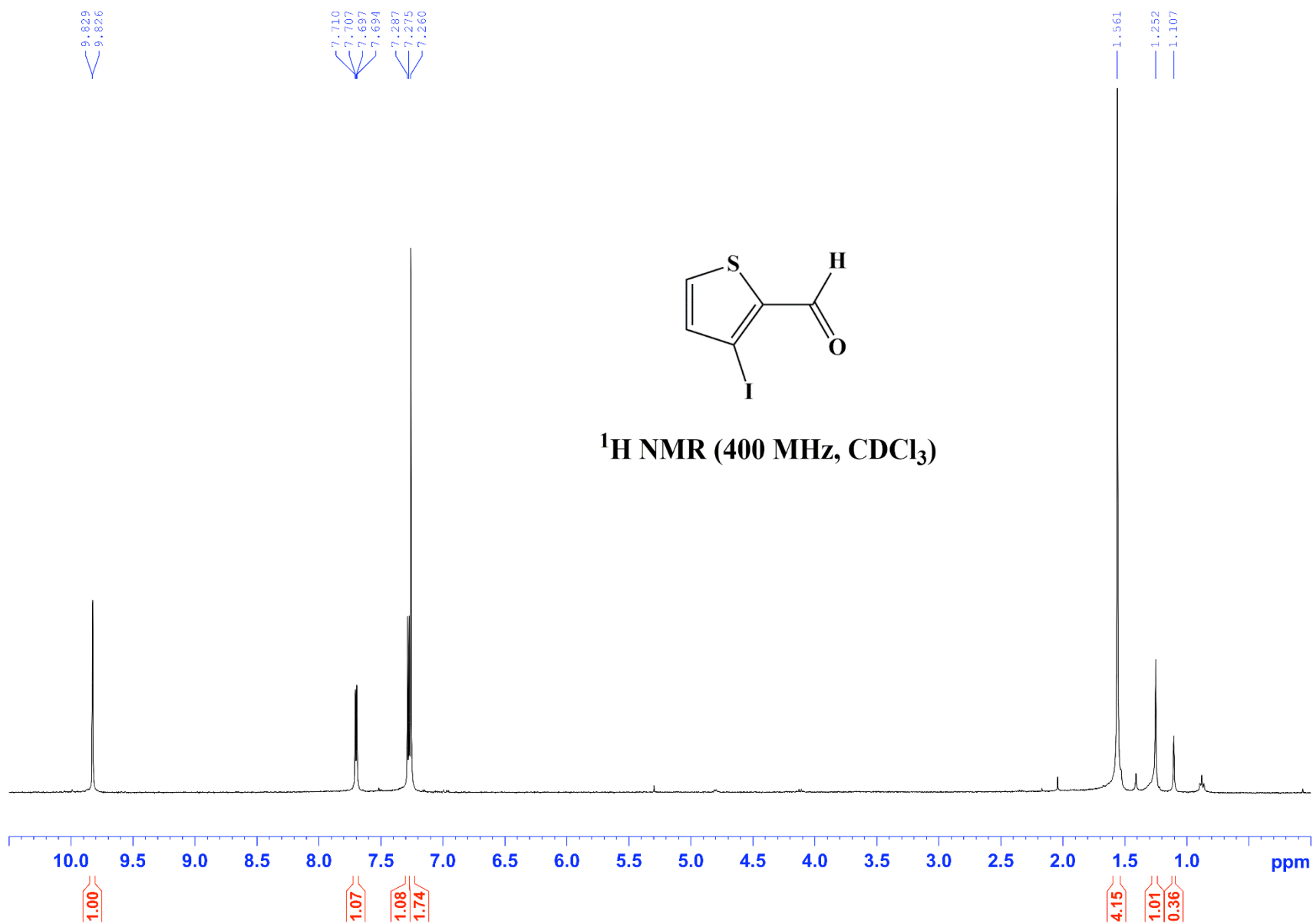
- | | |
|---|--------|
| 1. The original ^1H NMR spectra for <i>o</i> -carbonyl iodoarenes. | S1–S5 |
| 2. The original ^1H and ^{13}C NMR spectra for iodobismuthanes 2a , 5a , 6a , 7a , 8a , 9a and 10a . | S6–S19 |



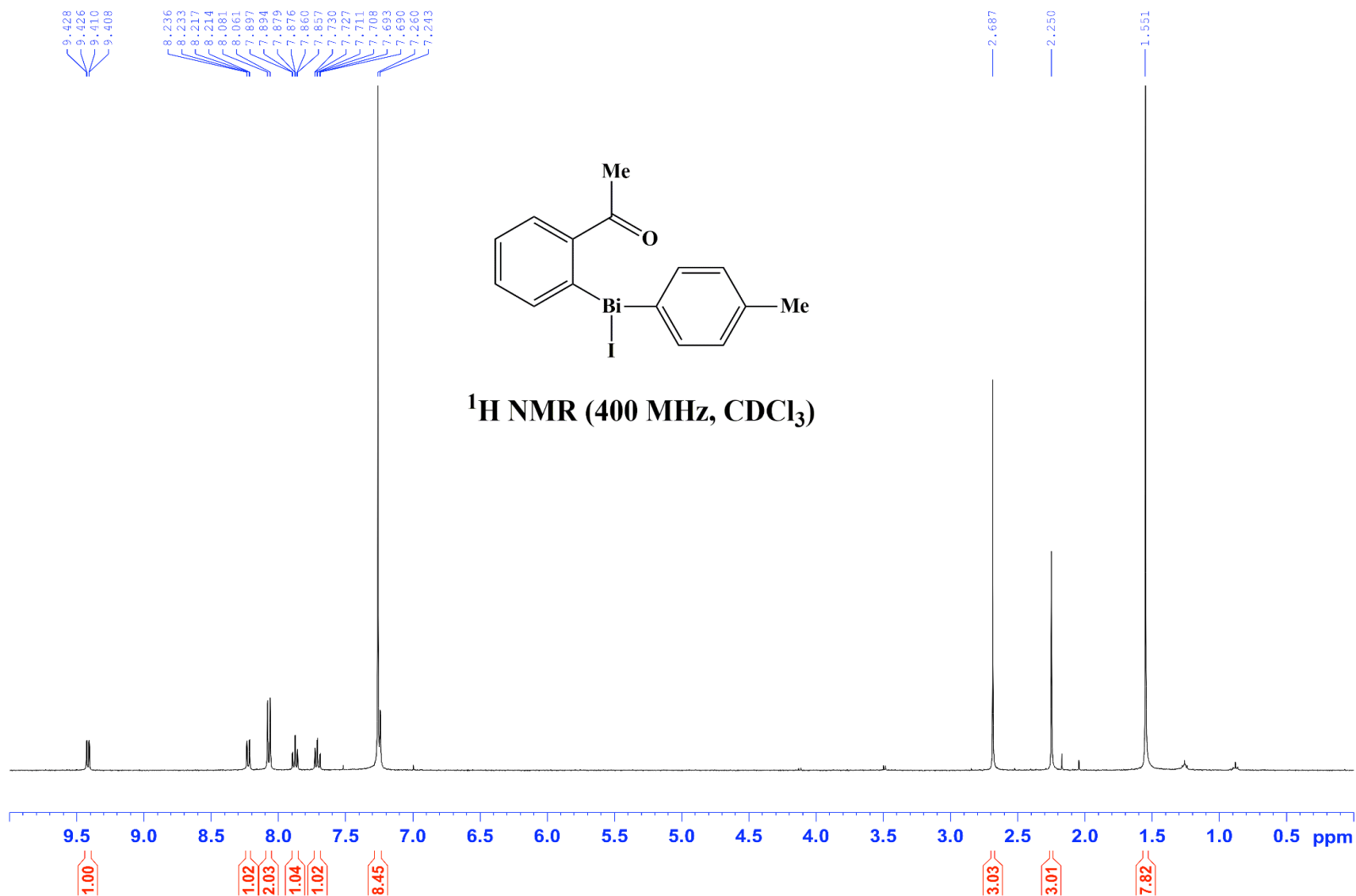




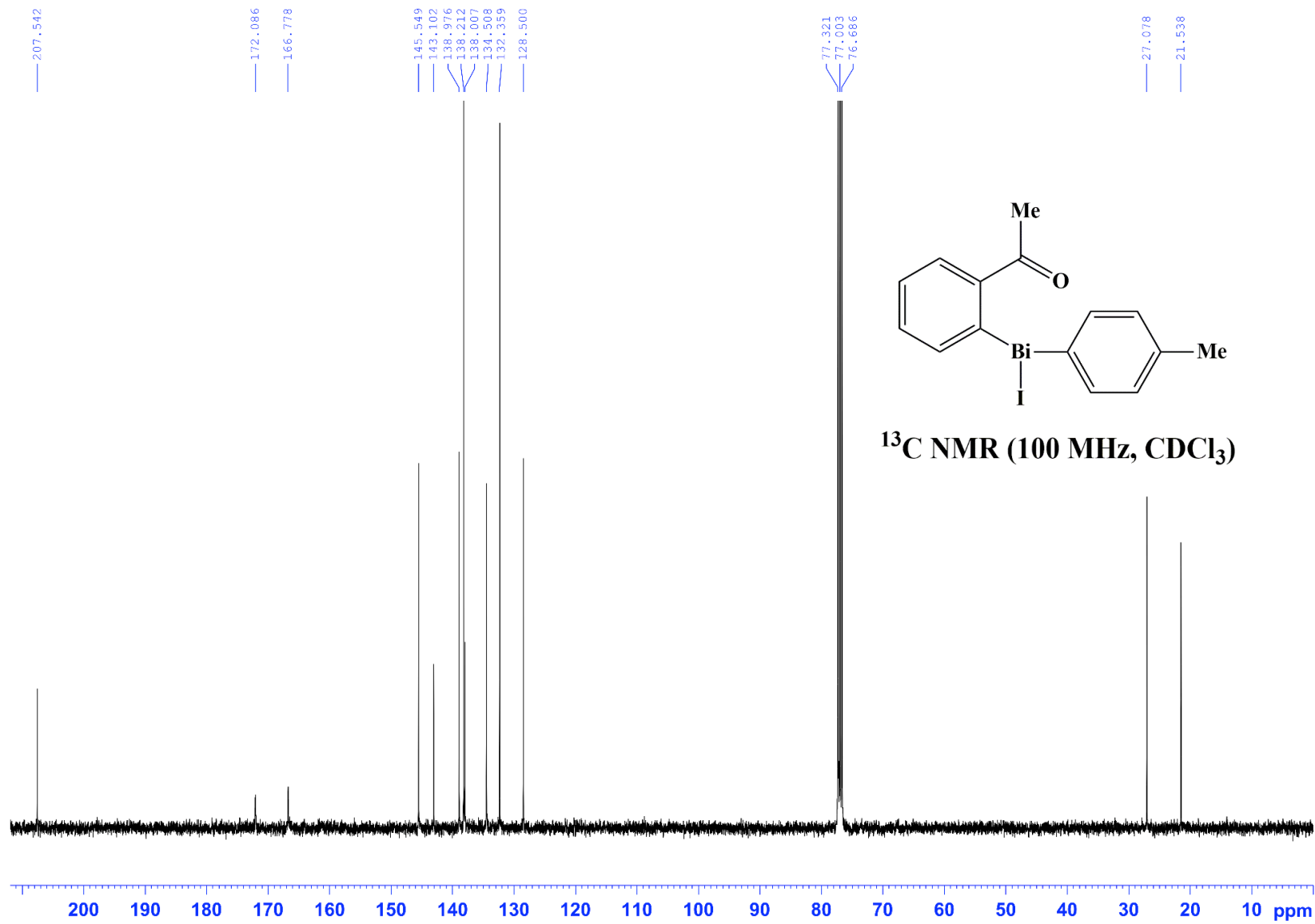




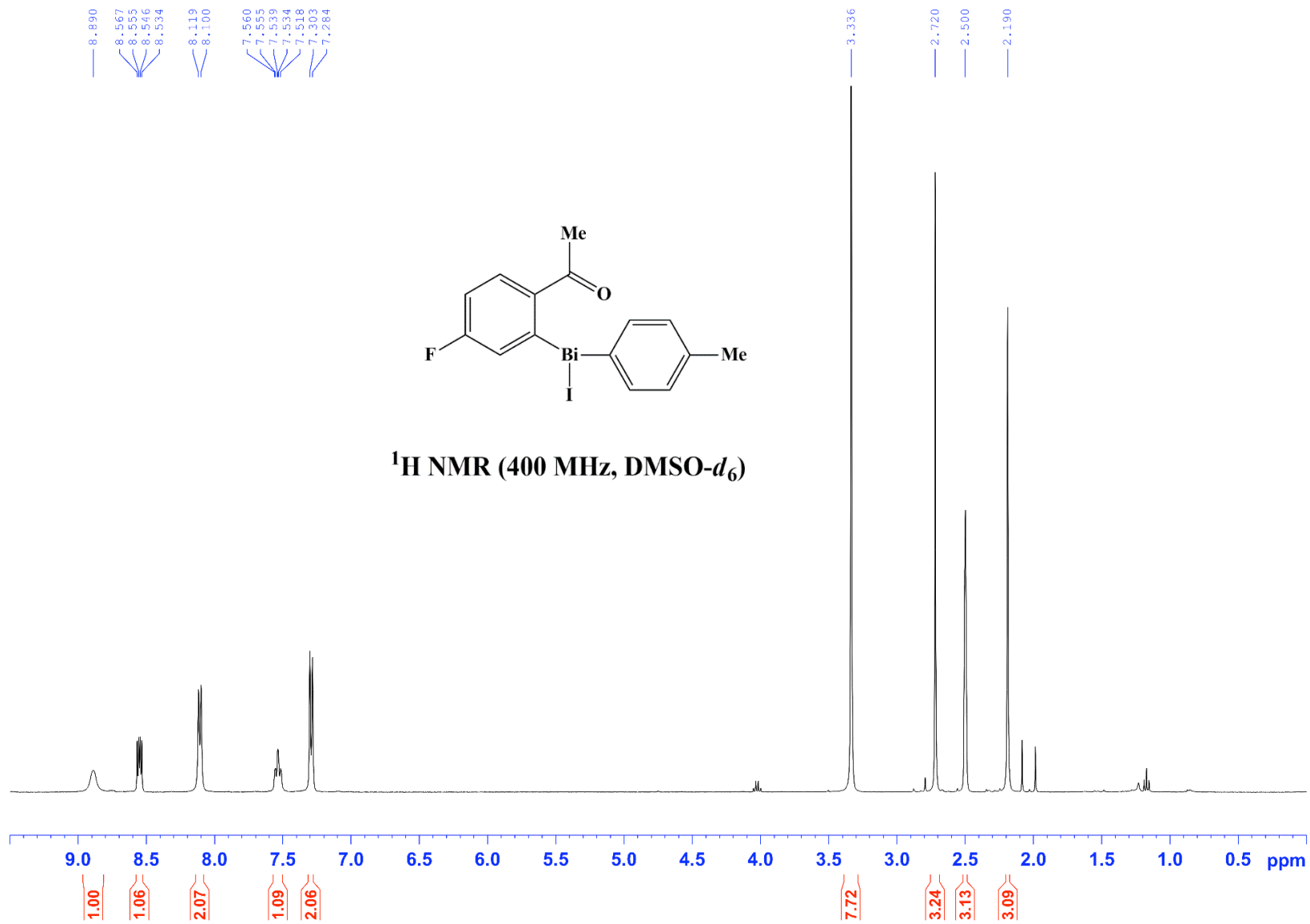
Compound 2a

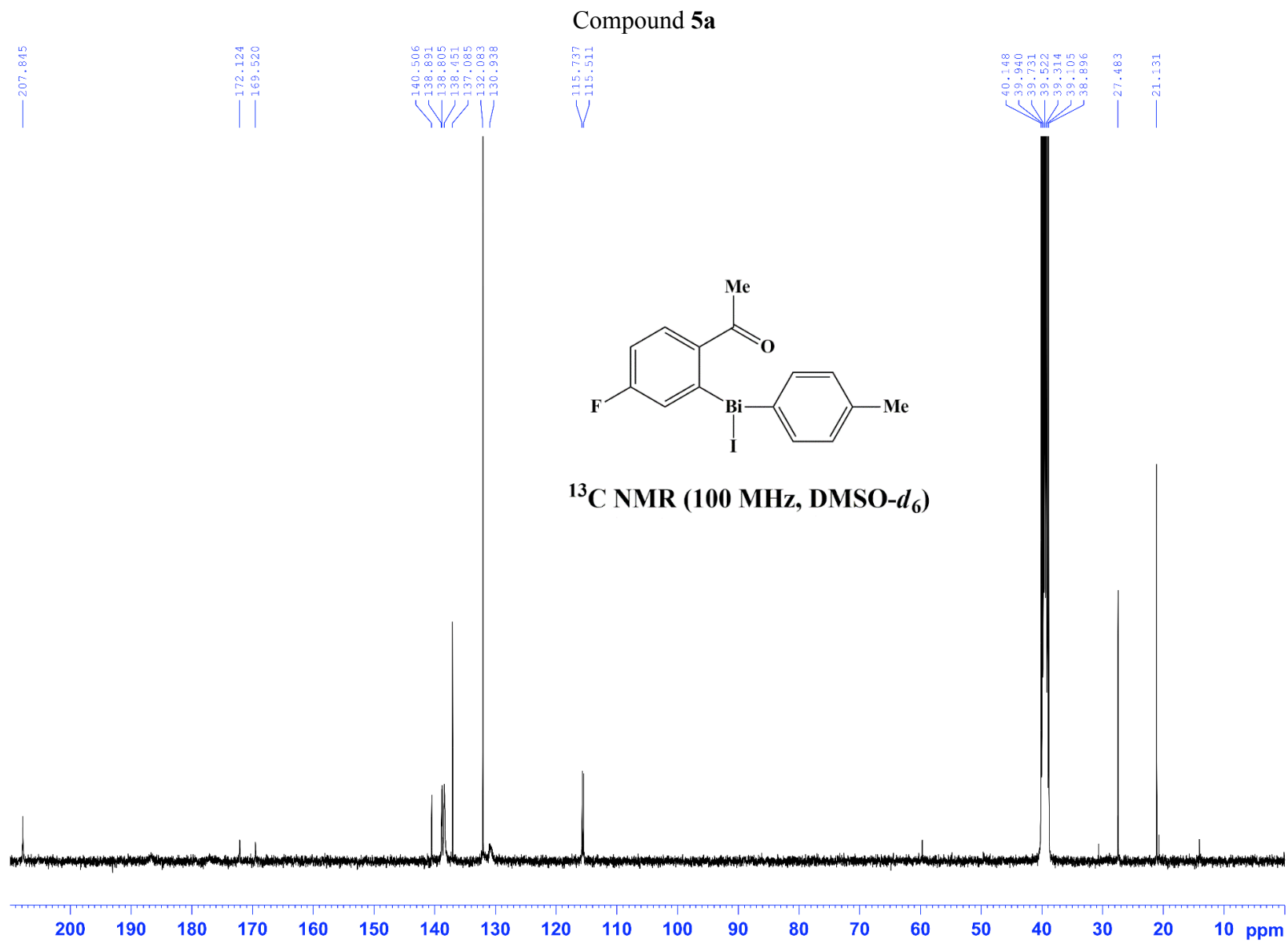


Compound 2a

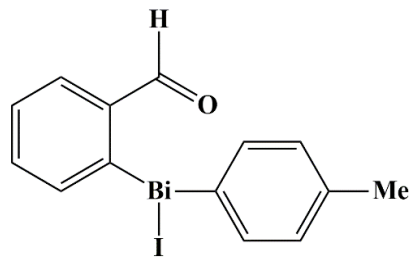


Compound 5a

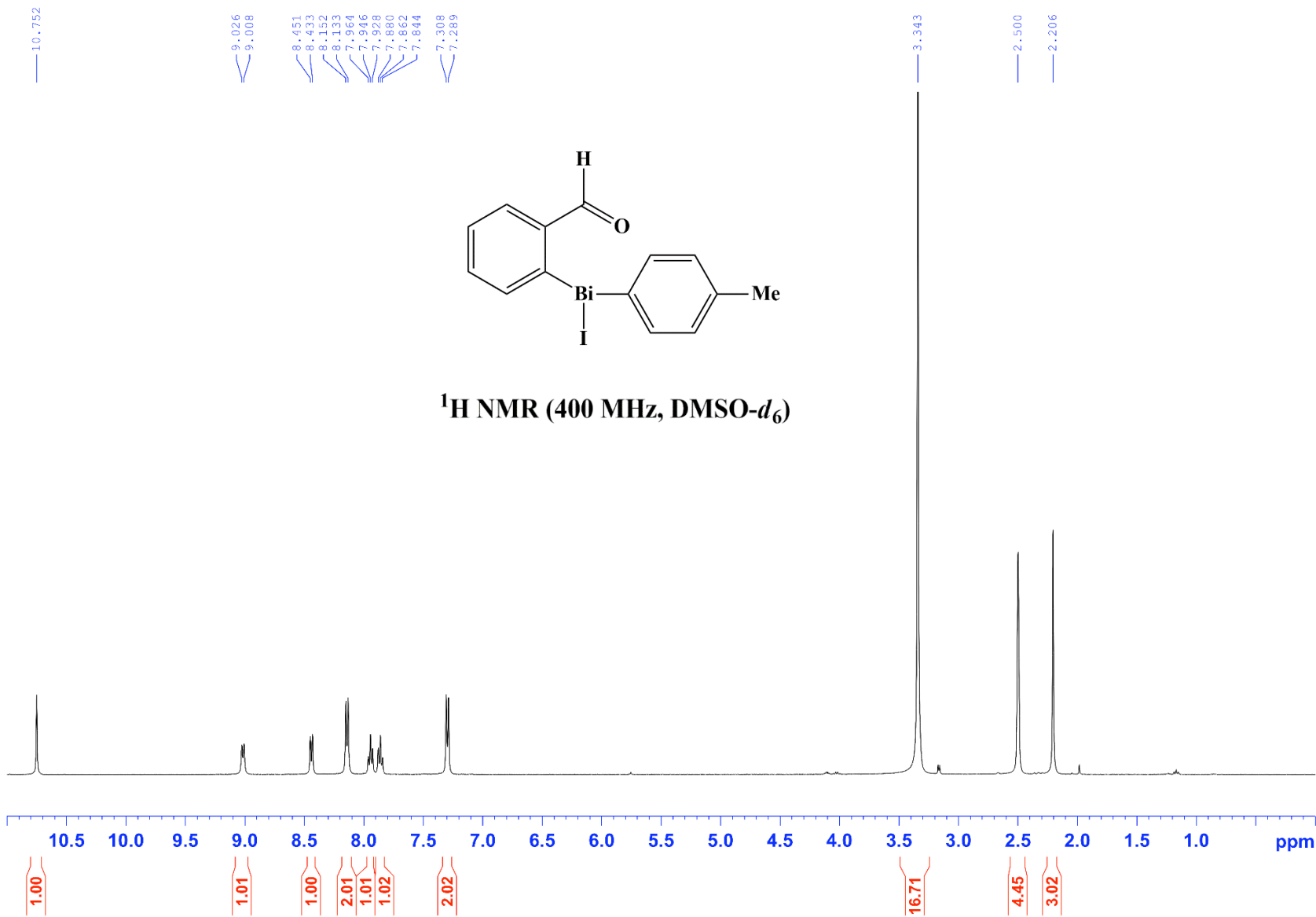




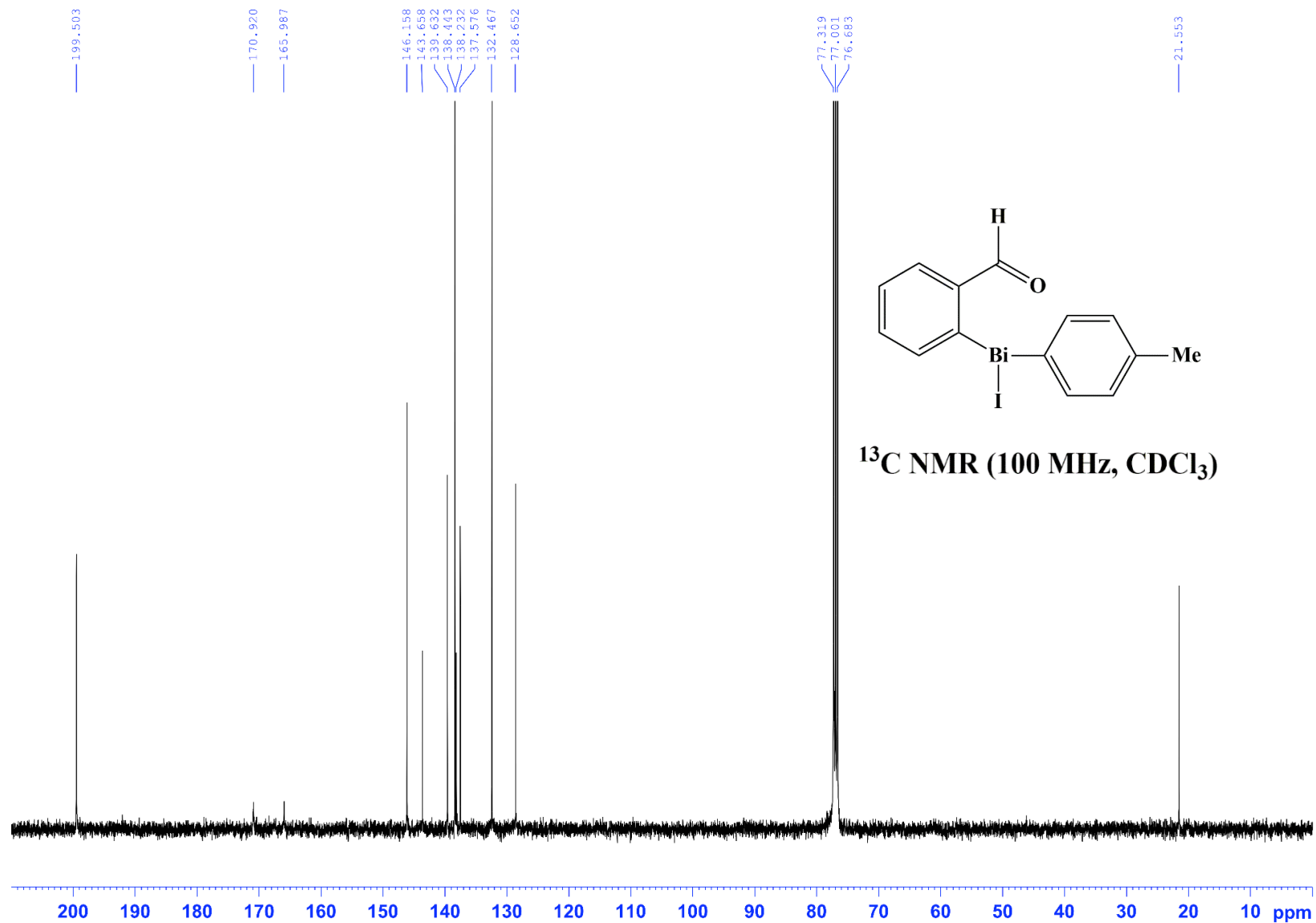
Compound 6a



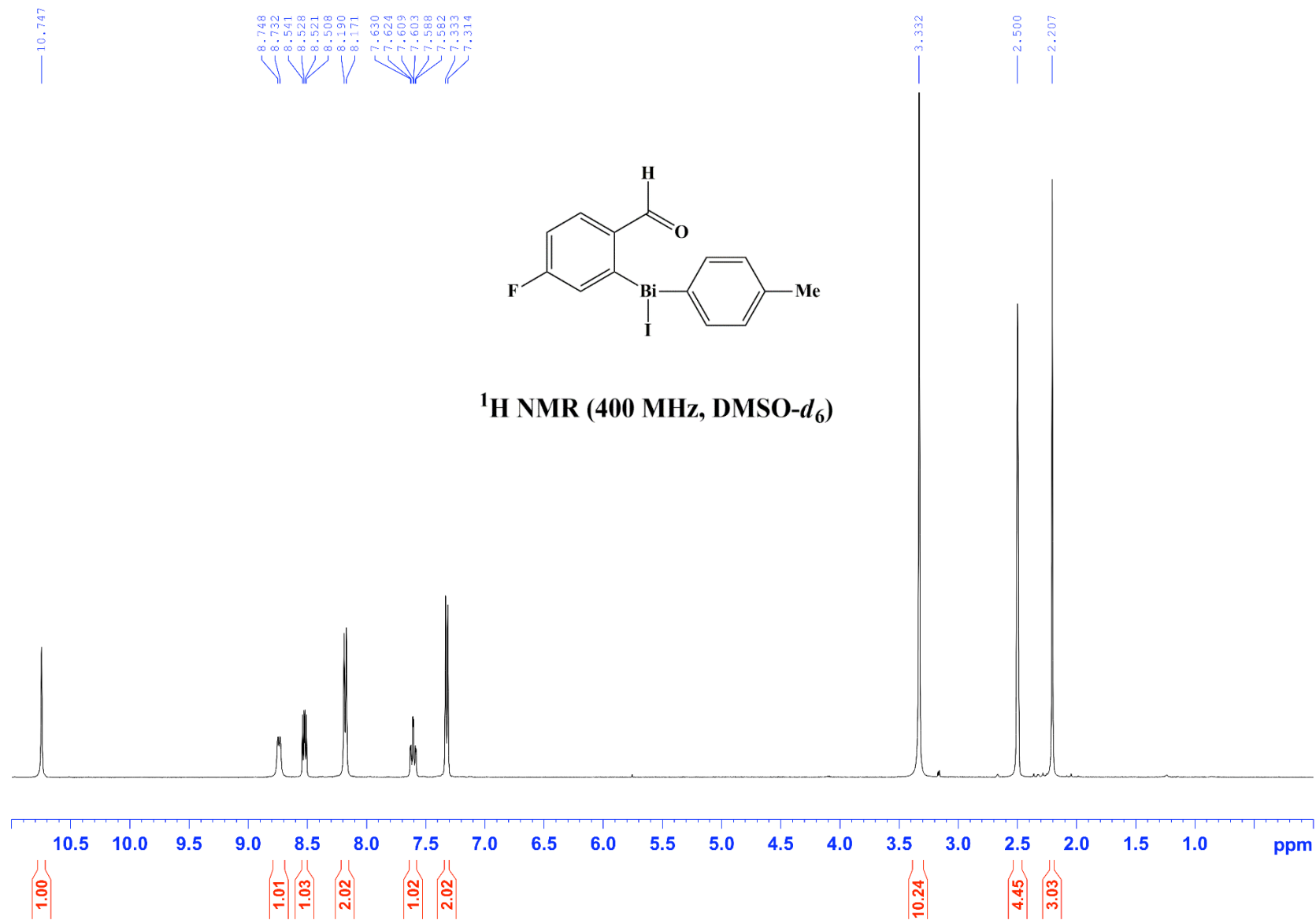
$^1\text{H NMR}$ (400 MHz, $\text{DMSO-}d_6$)



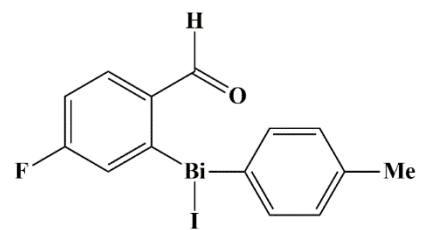
Compound 6a



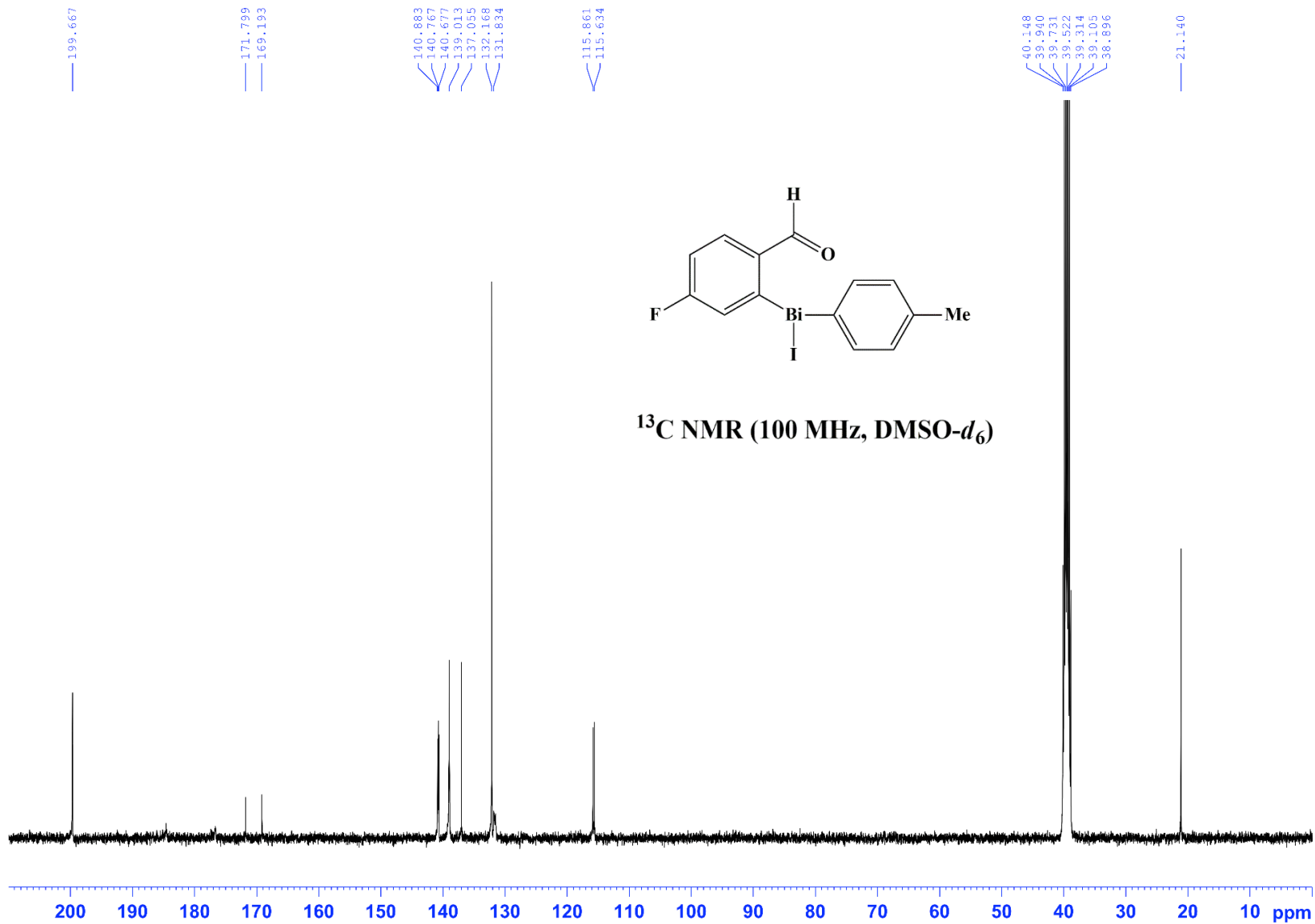
Compound 7a



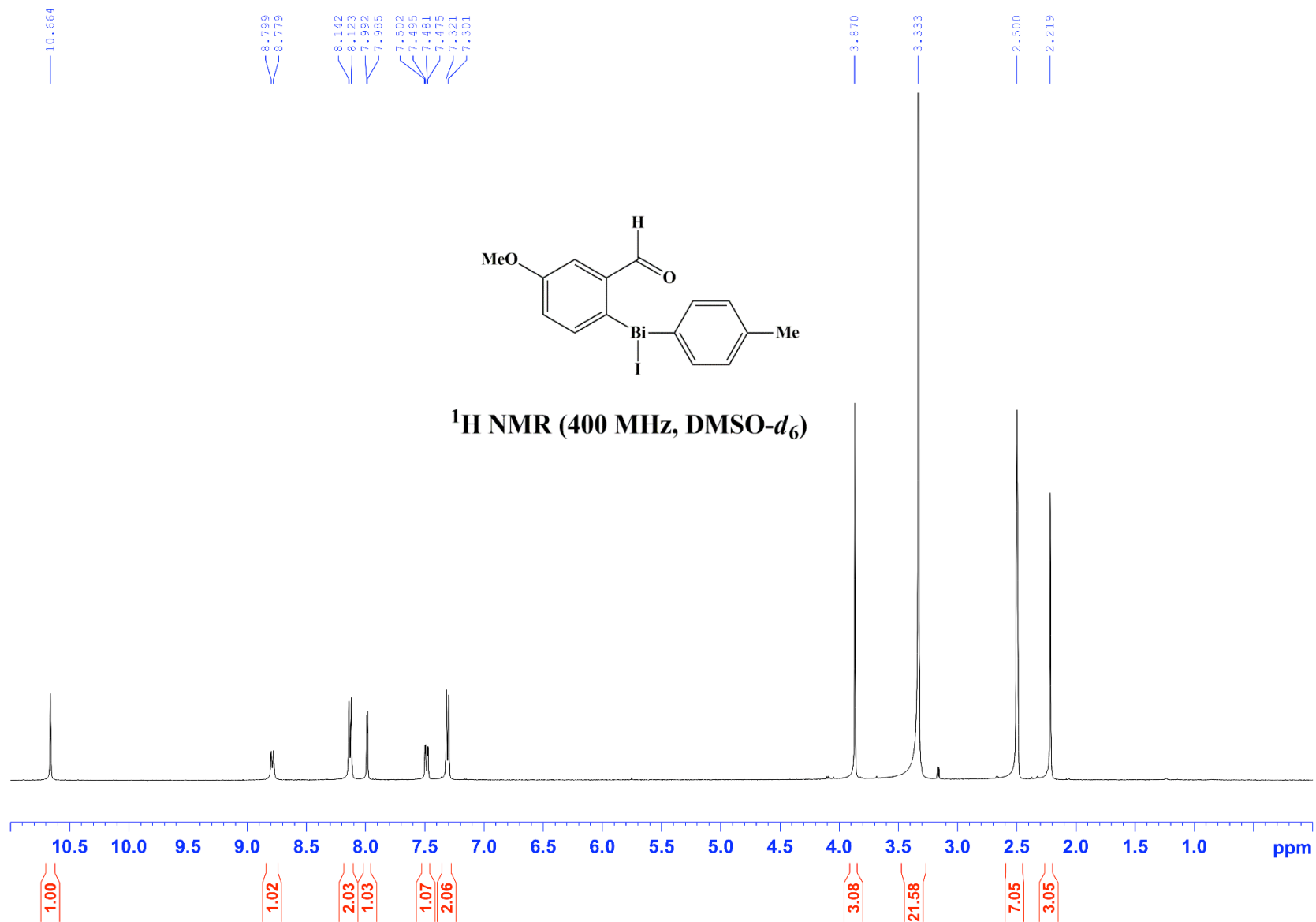
Compound 7a



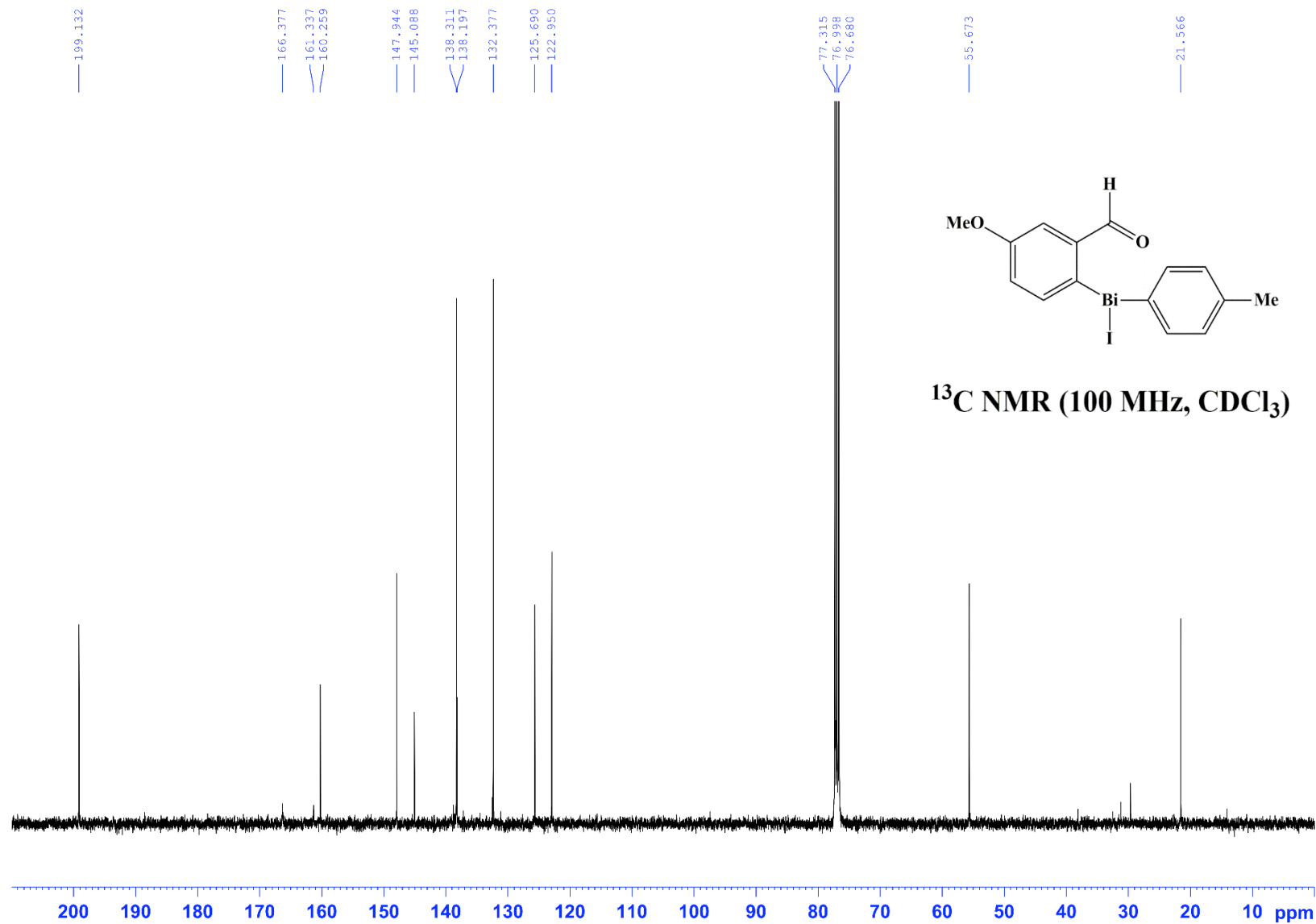
^{13}C NMR (100 MHz, DMSO- d_6)



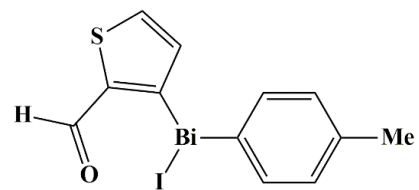
Compound 8a



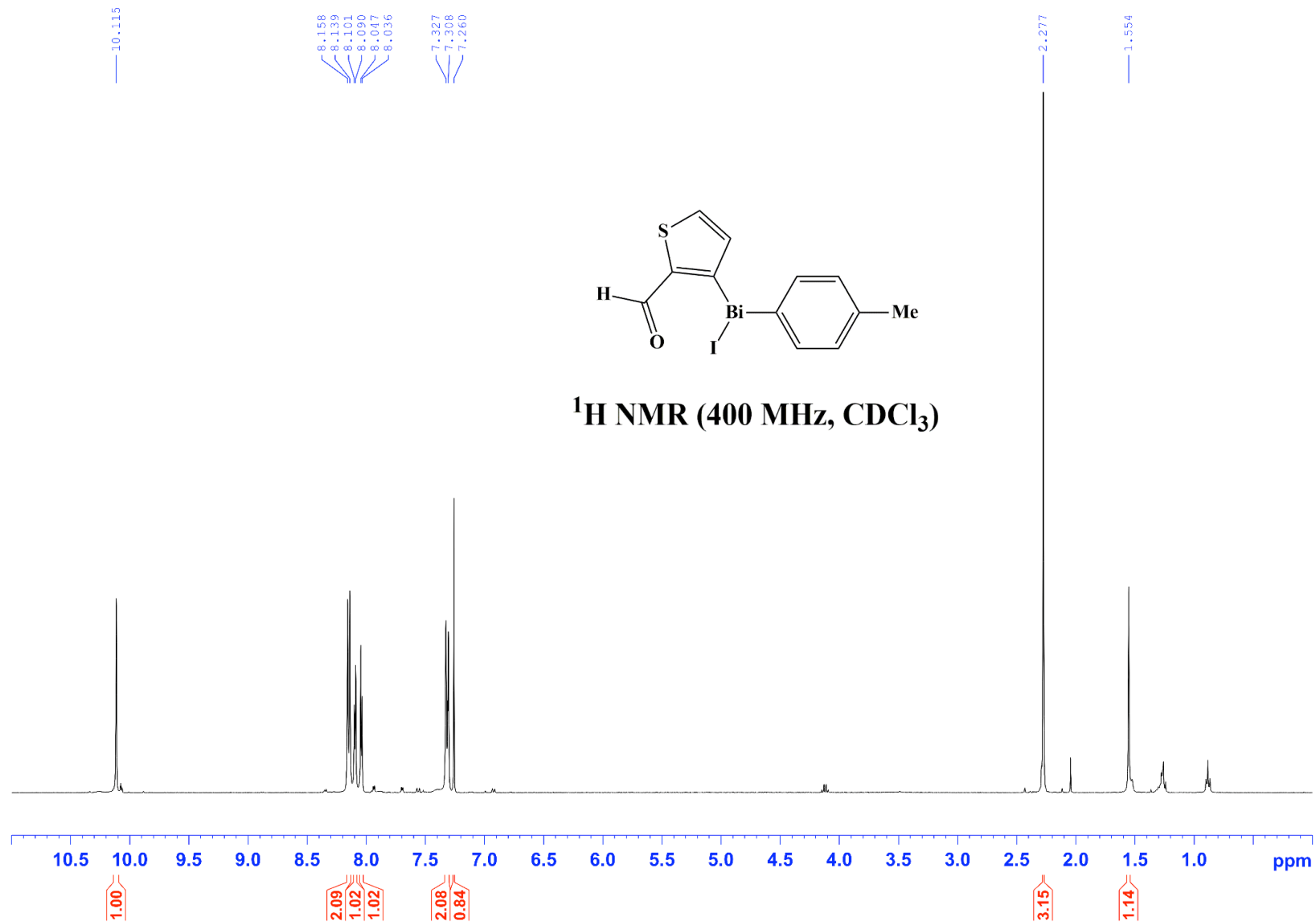
Compound 8a



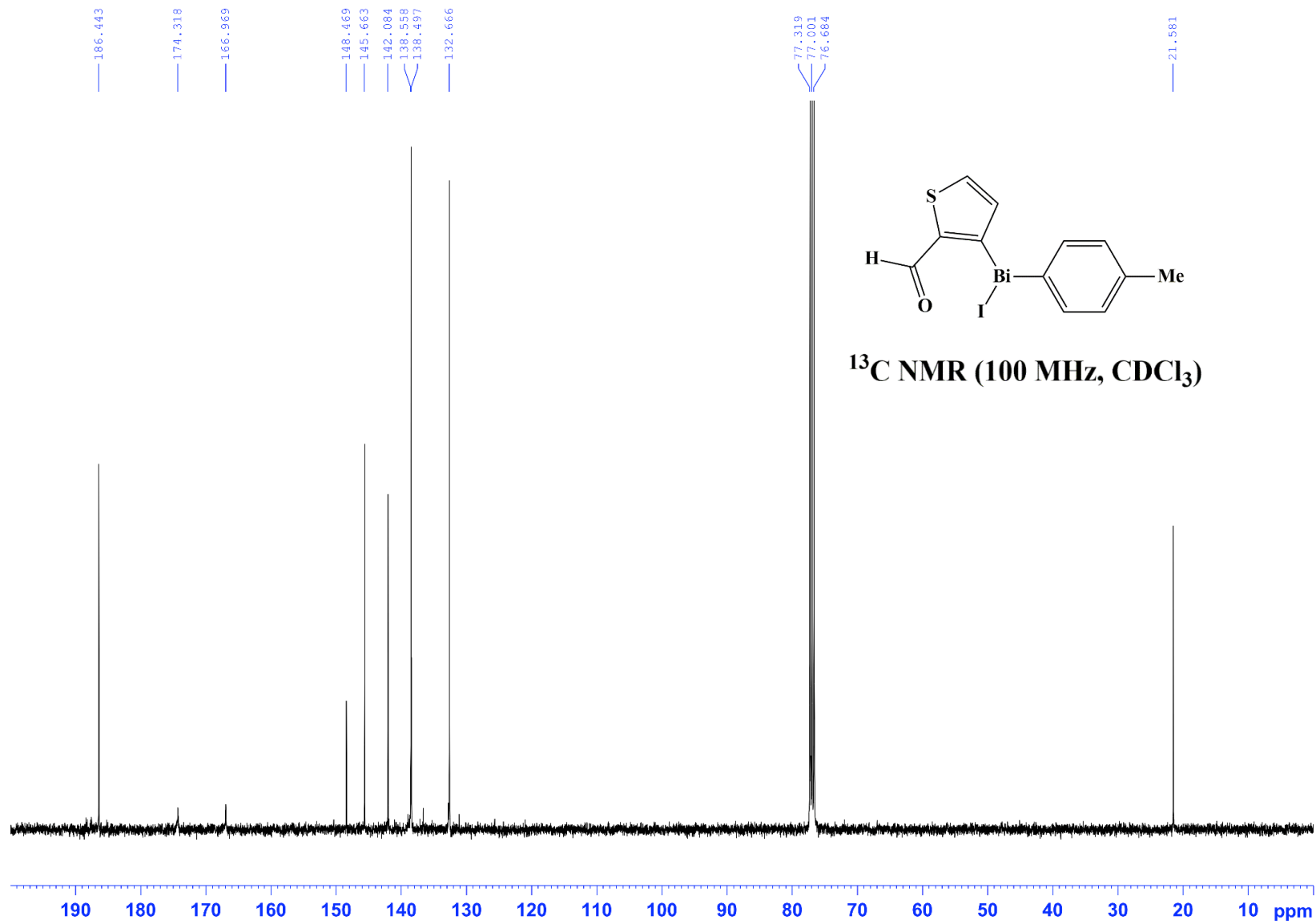
Compound 9a



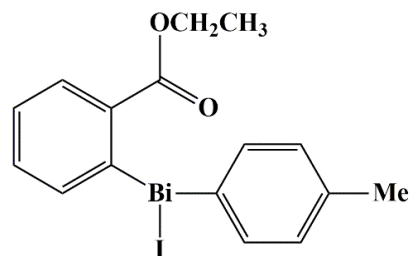
¹H NMR (400 MHz, CDCl₃)



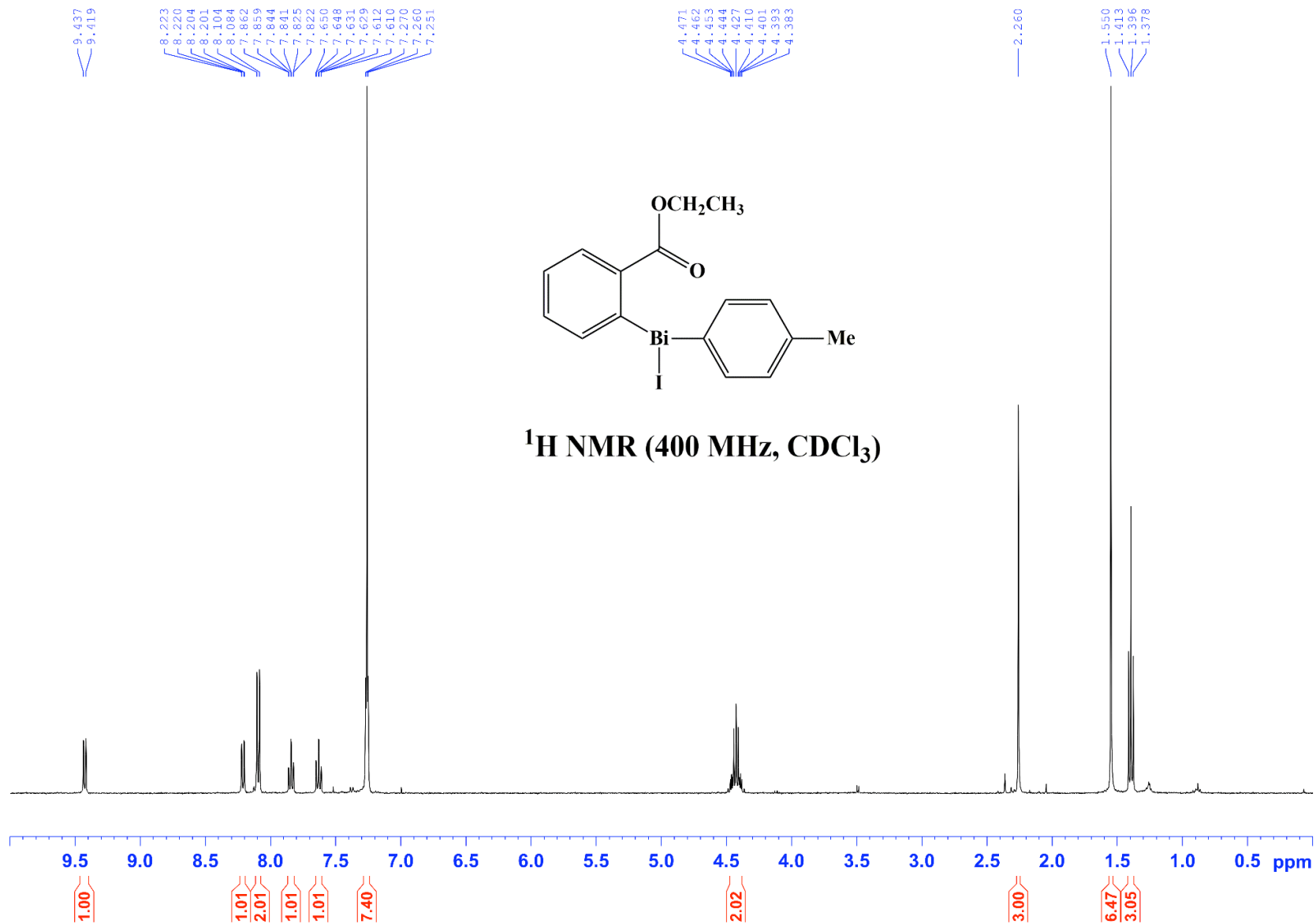
Compound 9a



Compound 10a



¹H NMR (400 MHz, CDCl₃)



Compound 10a

