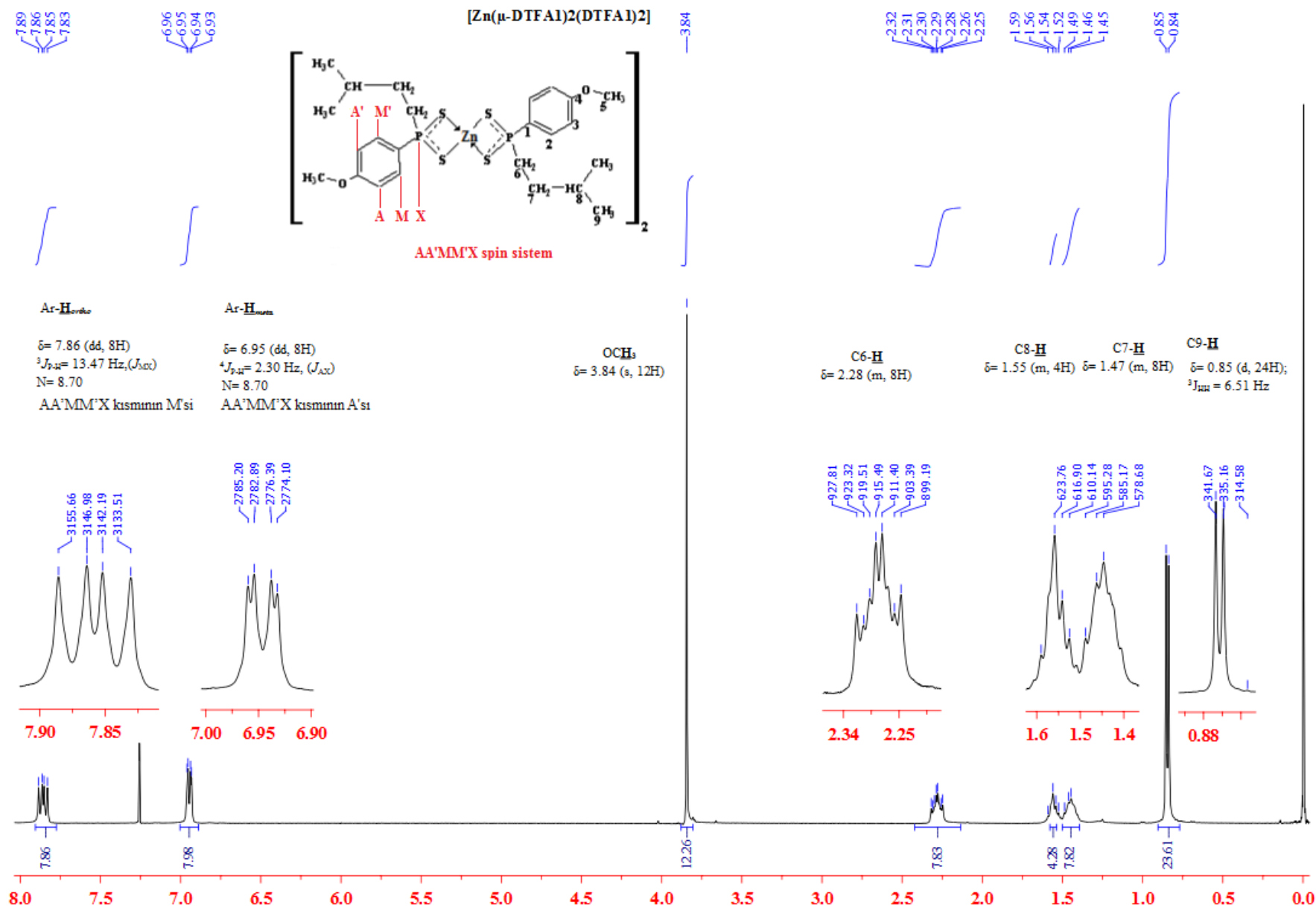
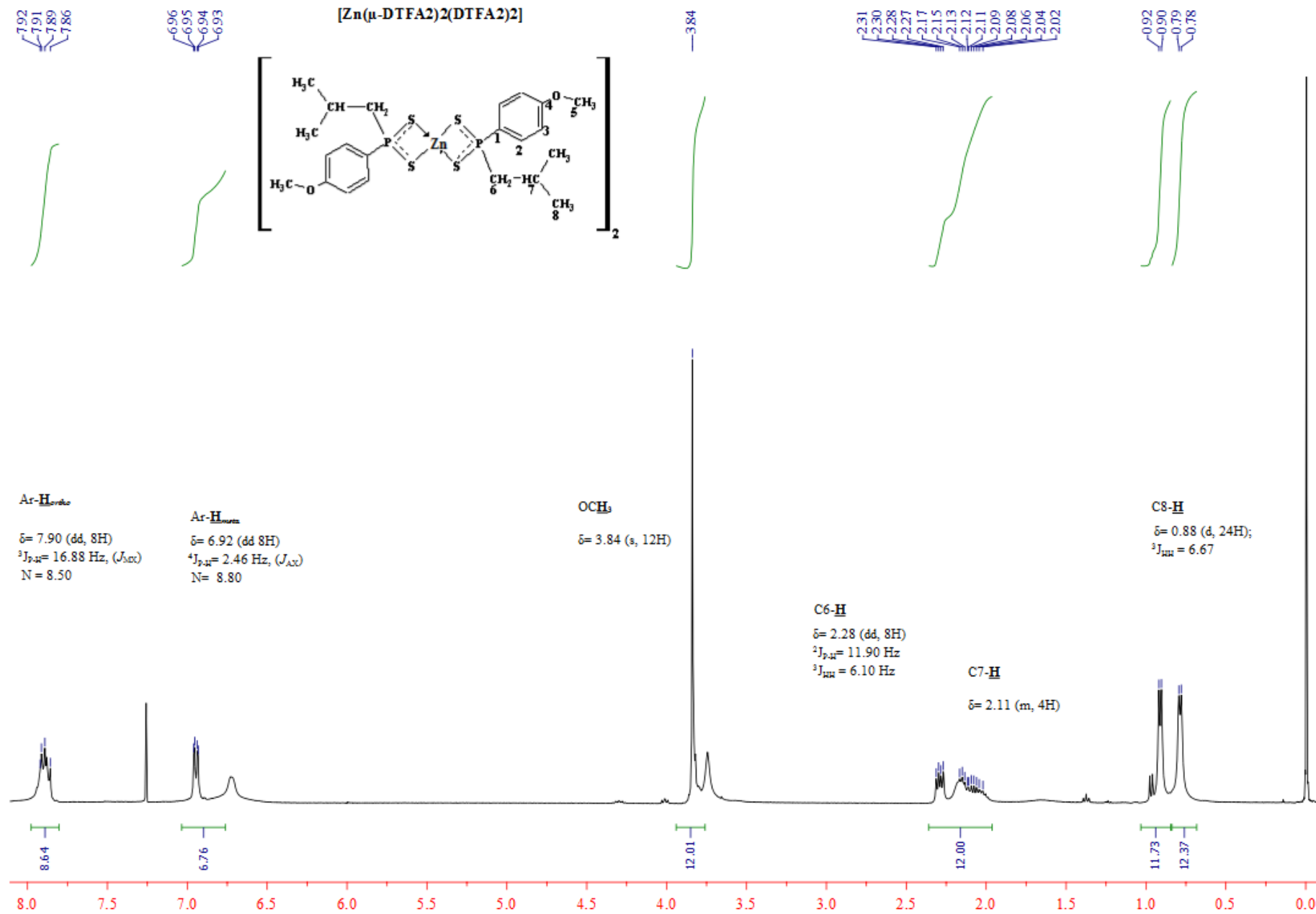


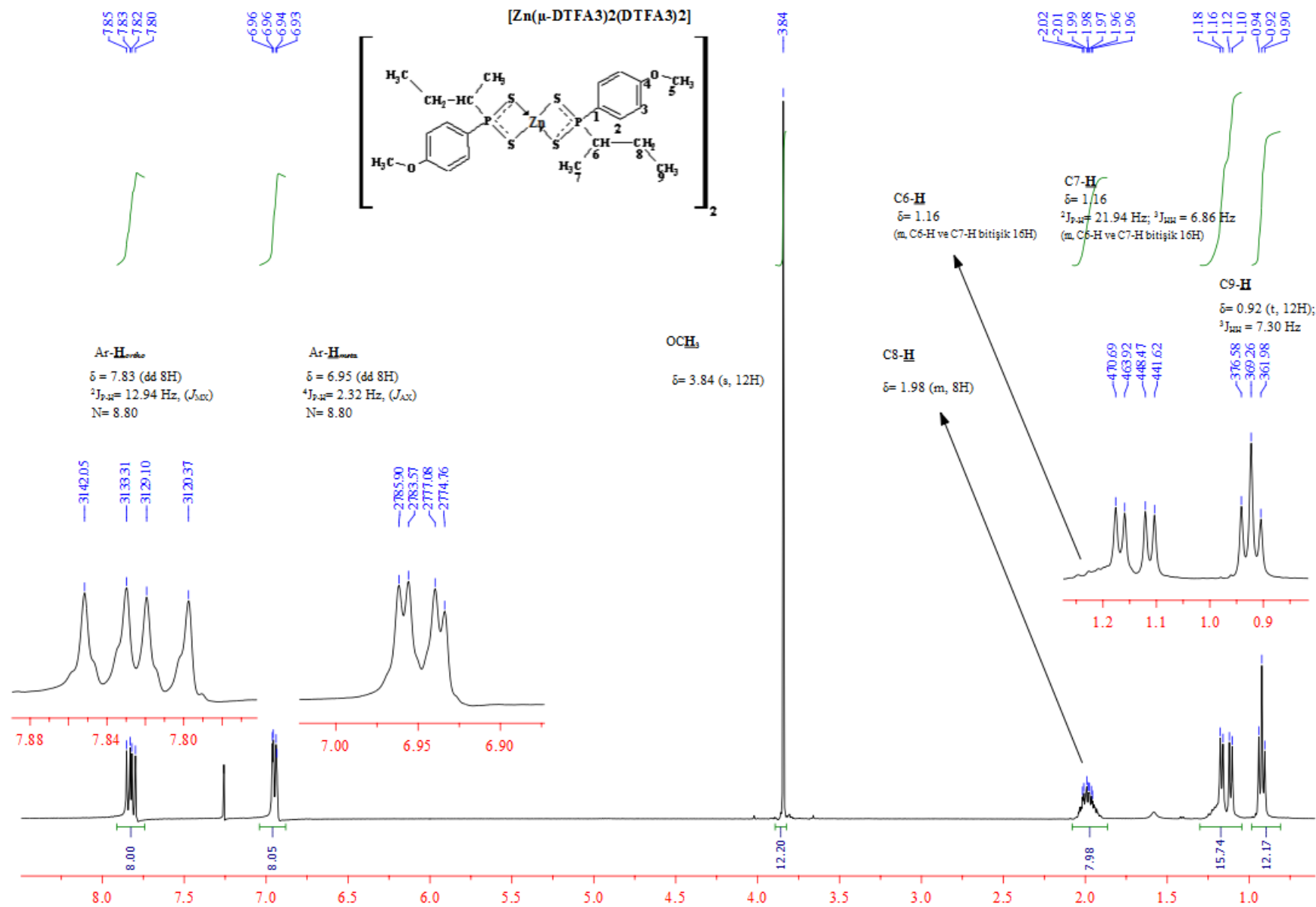
$^1\text{H-NMR}$



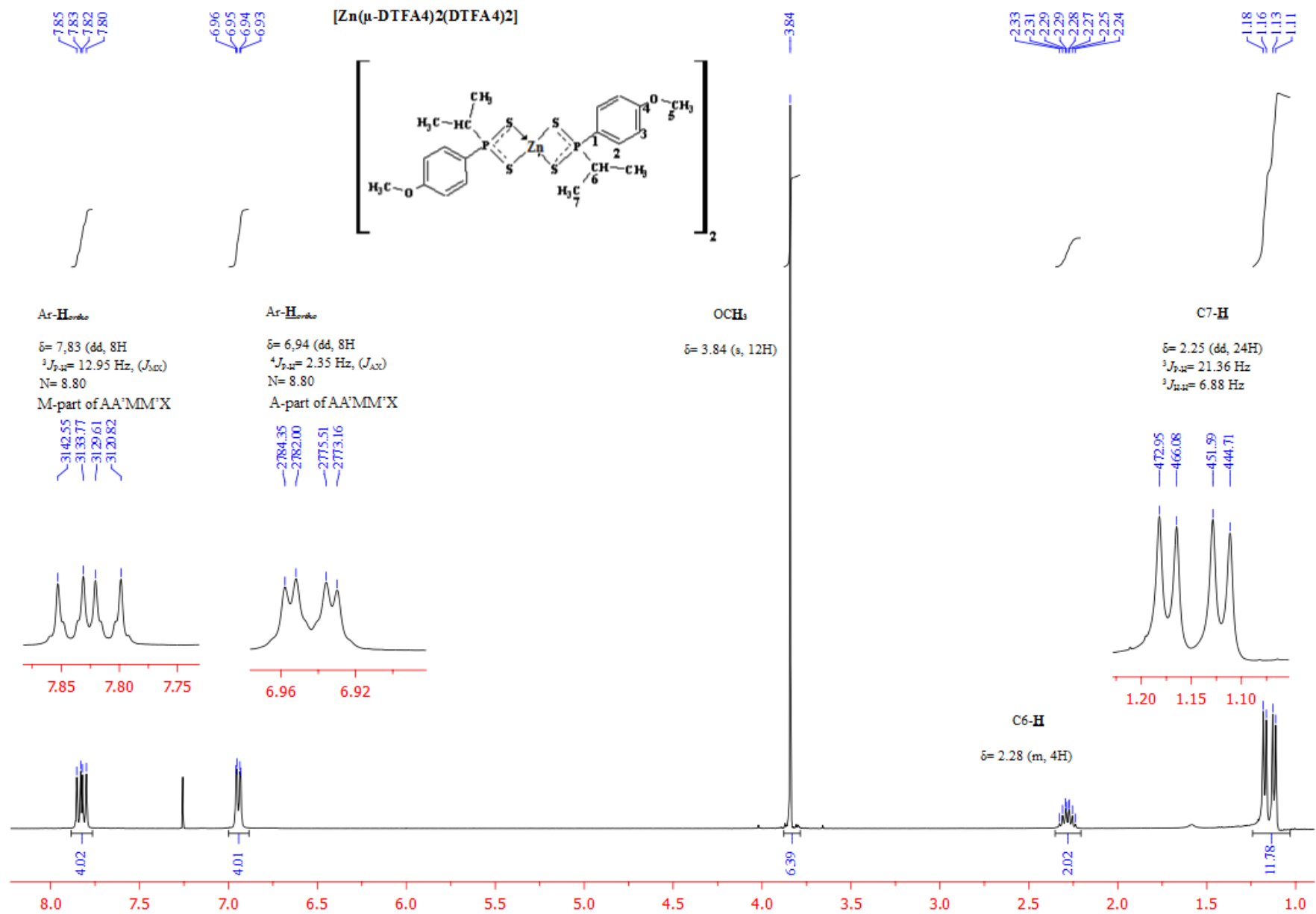
Scheme 1. $^1\text{H-NMR}$ of $[\text{Zn}(\mu\text{-DTFA}^1)_2(\text{DTFA}^1)_2]$



Scheme 2. ¹H-NMR of [Zn(μ-DTFA²)₂(DTFA²)₂]

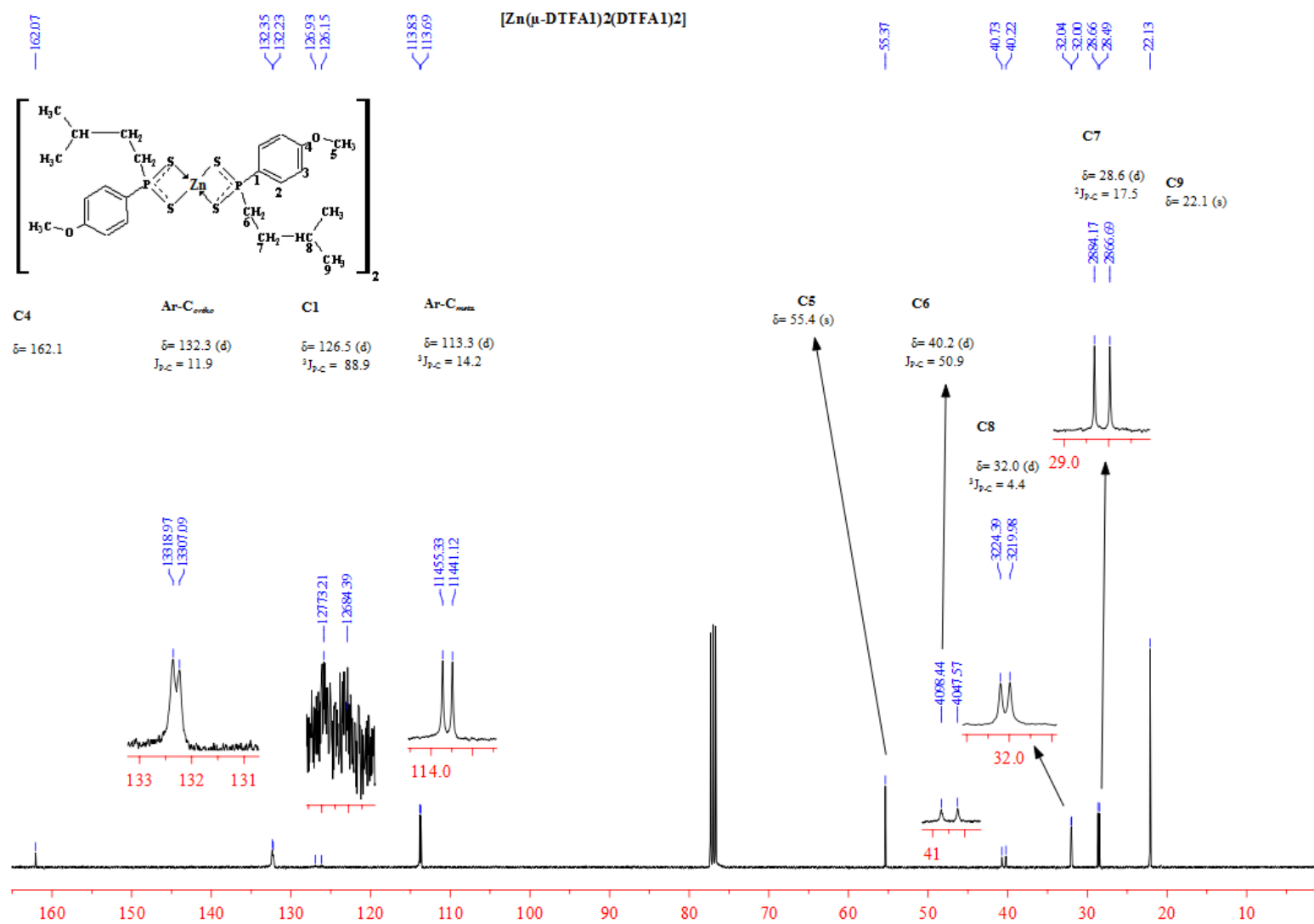


Scheme 3. ¹H-NMR of [Zn(μ -DTFA₃)₂(DTFA₃)₂].

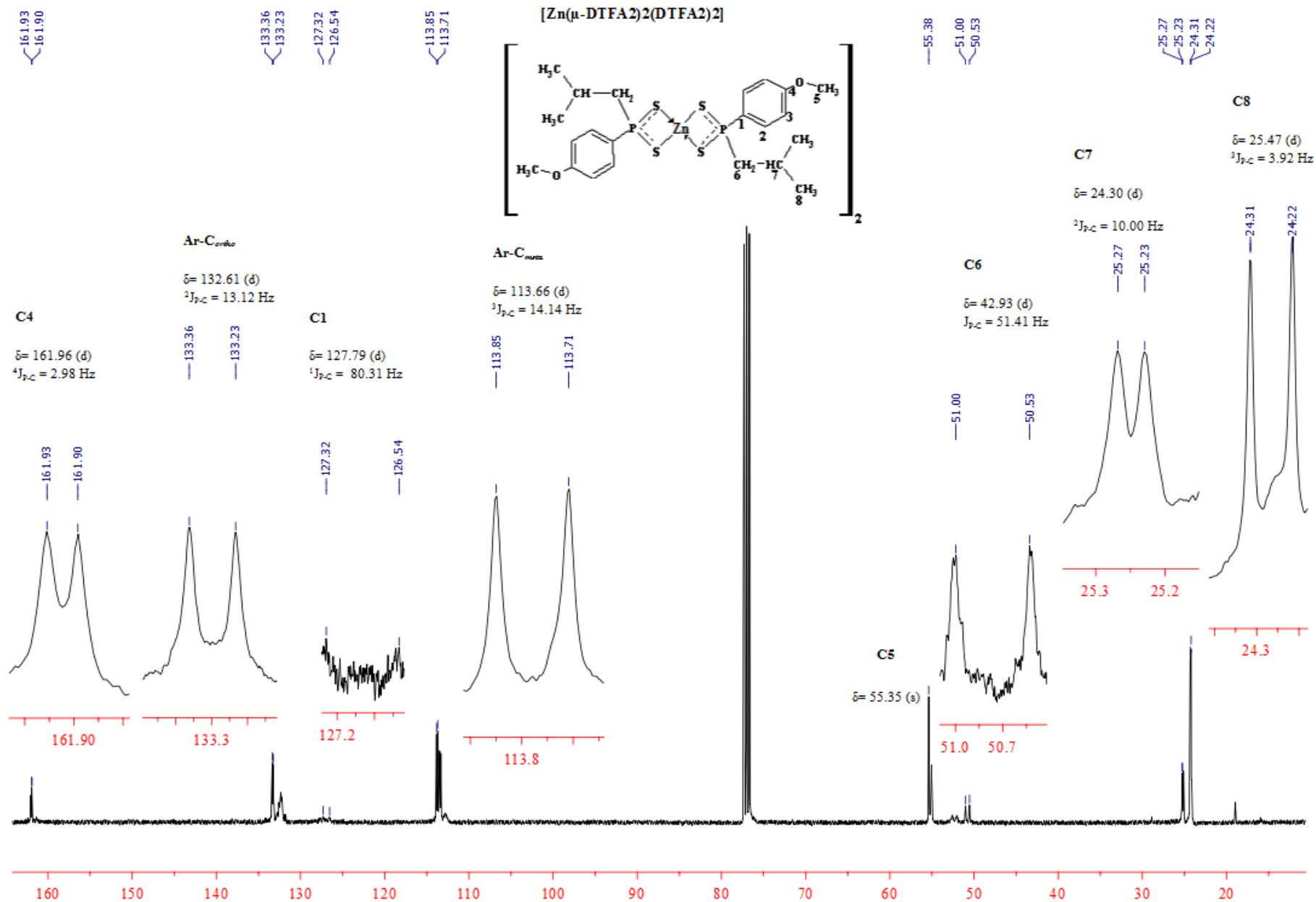


Scheme 4. ¹H-NMR of [Zn(μ -DTFA⁴)₂(DTFA⁴)₂].

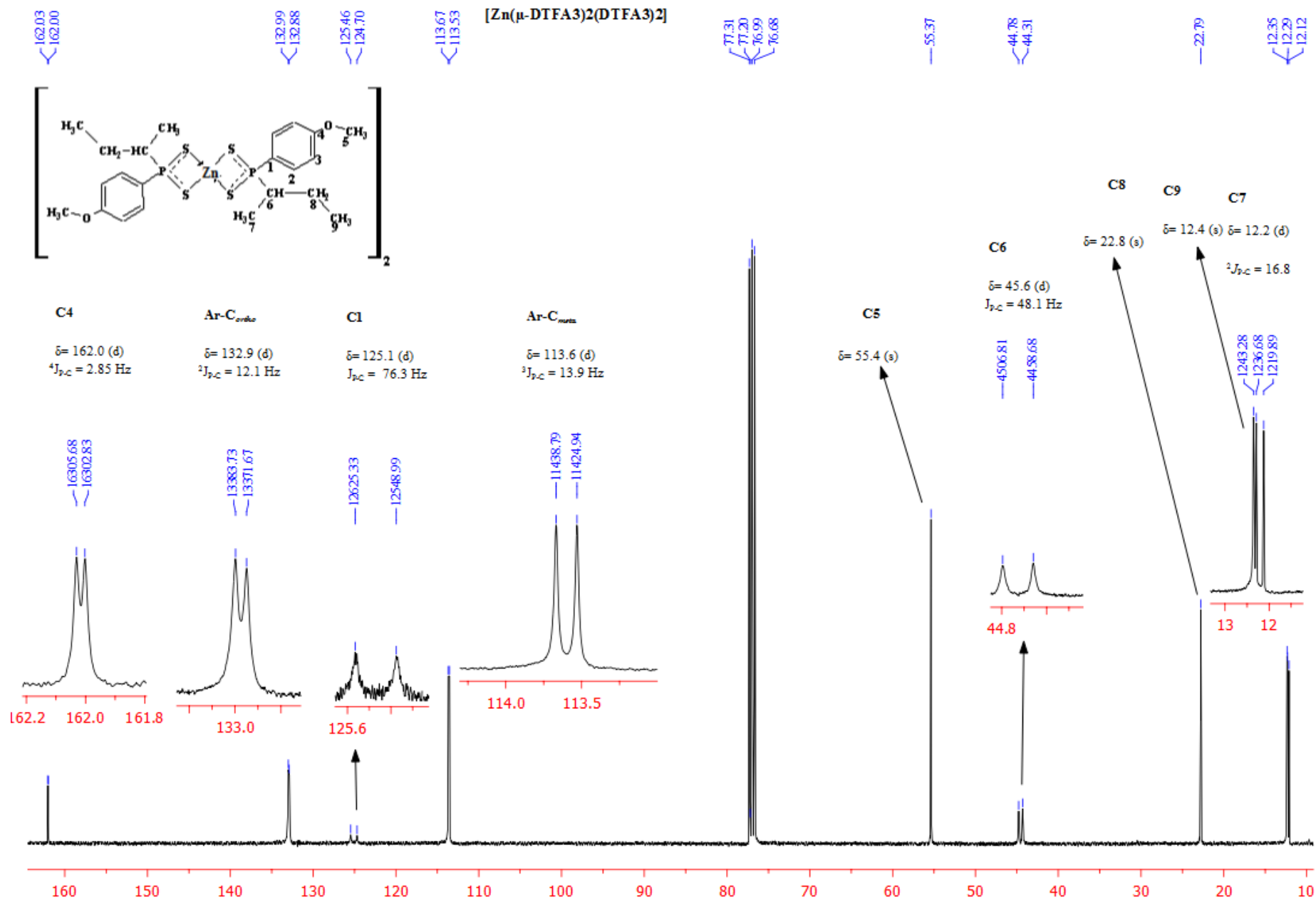
¹³C-NMR



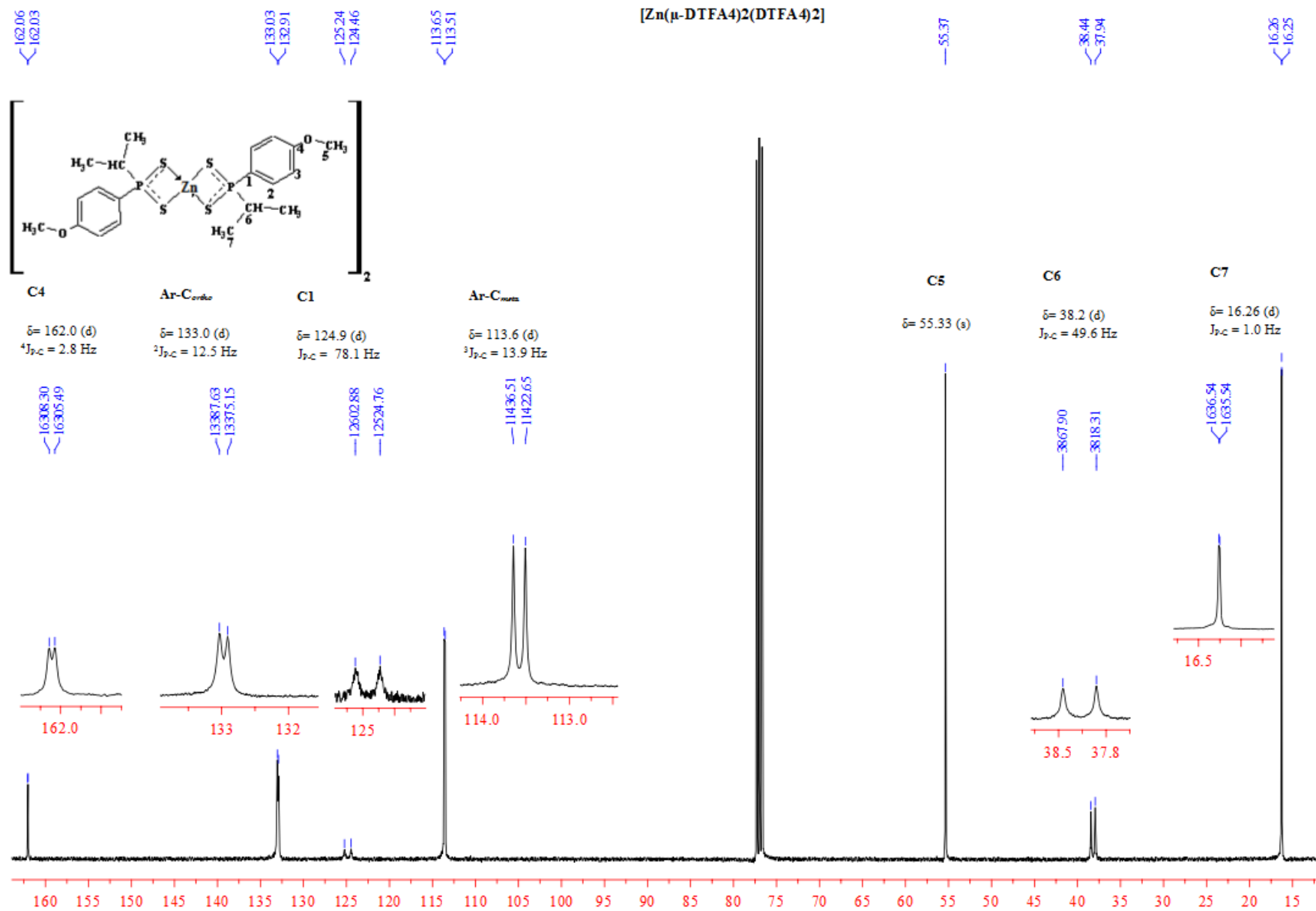
Scheme 5. ¹³C-NMR of [Zn(μ-DTFA¹)₂(DTFA¹)₂]



Scheme 6. ¹³C-NMR of [Zn(μ -DTFA₂)₂(DTFA₂)₂].

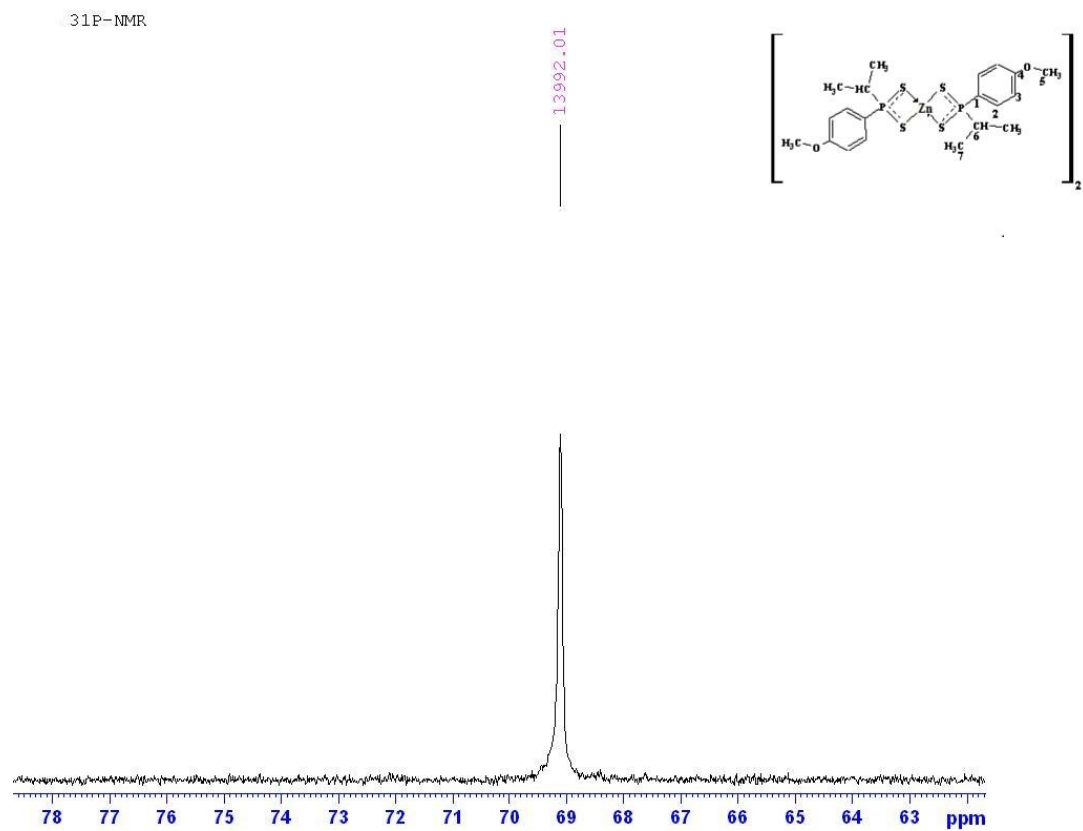


Scheme 7. ¹³C-NMR of [Zn(μ -DTFA³)₂(DTFA³)₂].



Scheme 8. ¹³C-NMR of [Zn(μ -DTFA⁴)₂(DTFA⁴)₂].

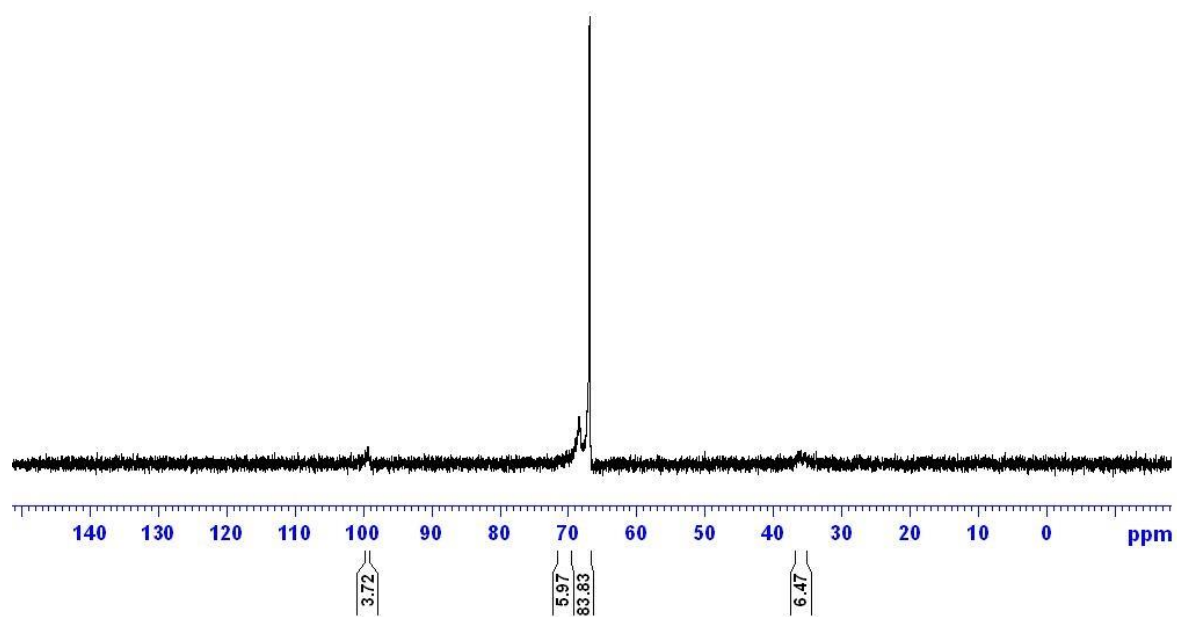
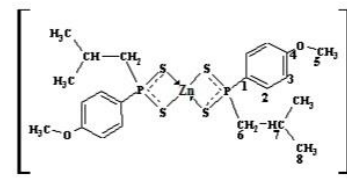
³¹P-NMR



Scheme 9. ³¹P-NMR of [Zn(μ-DTFA¹)₂(DTFA¹)₂].

³¹P-NMR

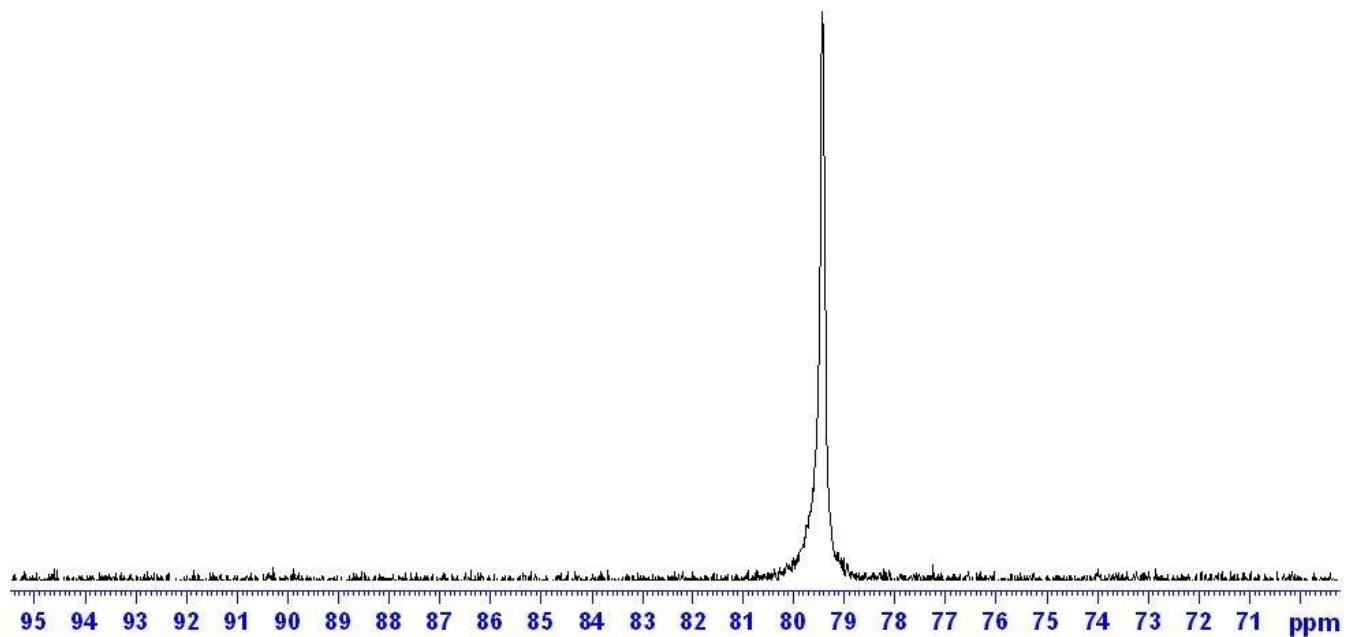
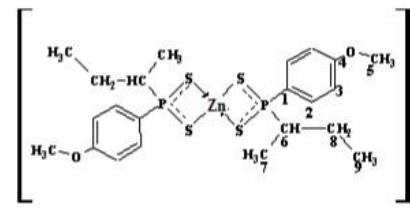
13849.83
13552.01



Scheme 10. ³¹P-NMR of [Zn(μ-DTFA²)₂(DTFA²)₂].

^{31}P -NMR

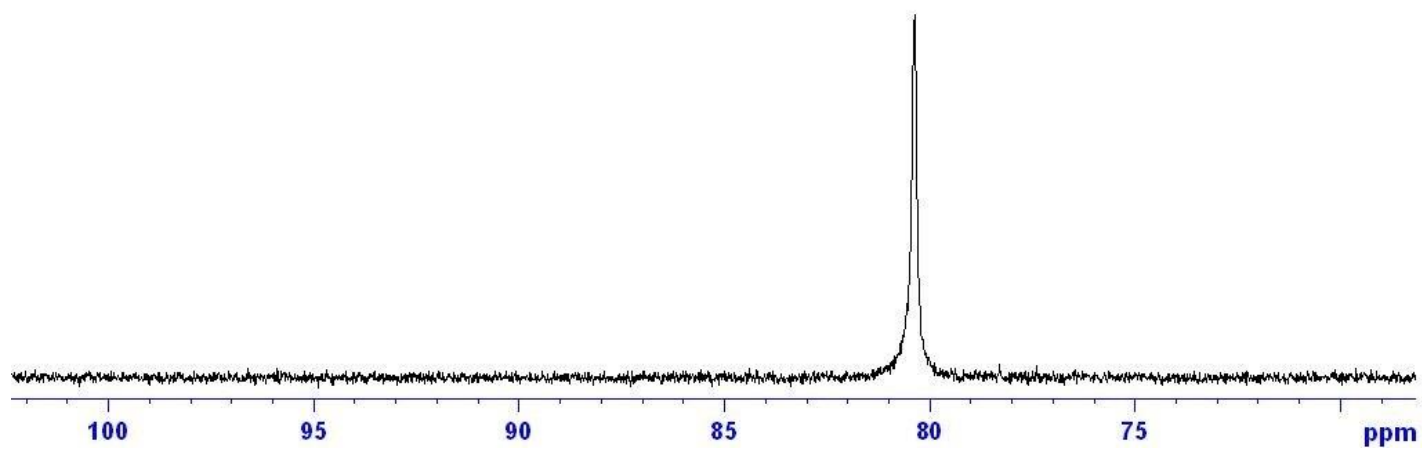
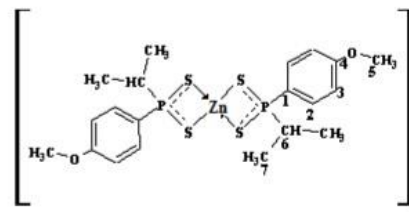
16081.98



Scheme 11. ^{31}P -NMR of $[\text{Zn}(\mu\text{-DTFA})_2(\text{DTFA})_2]$.

³¹P-NMR

16273.44



Scheme 12. ³¹P-NMR of [Zn(μ-DTFA⁴)₂(DTFA⁴)₂].