

Short Note

# Diethyl(benzamido(diisopropoxyphosphoryl)methyl)phosphonate

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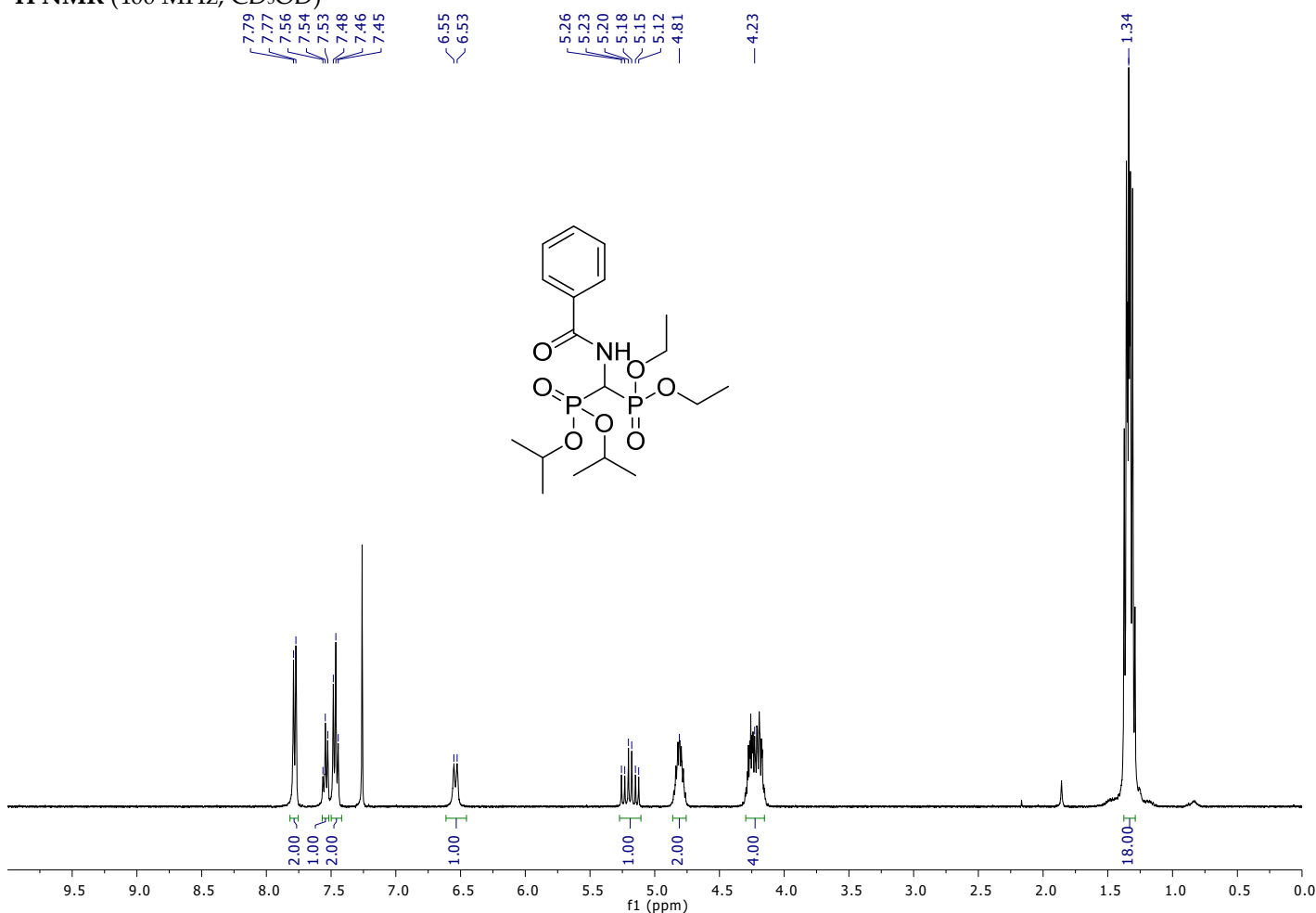
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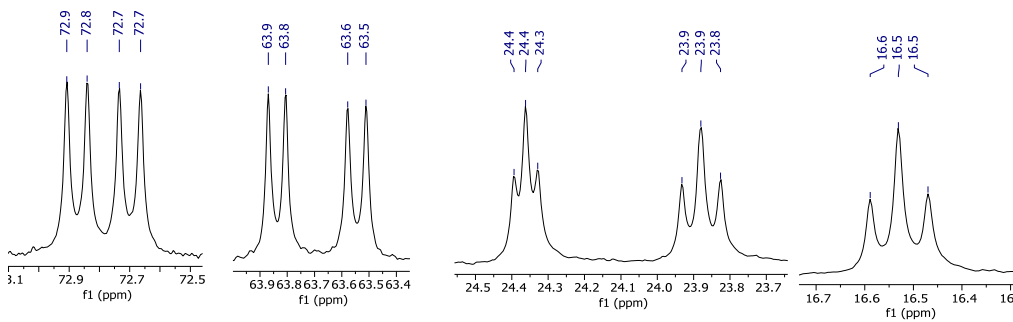
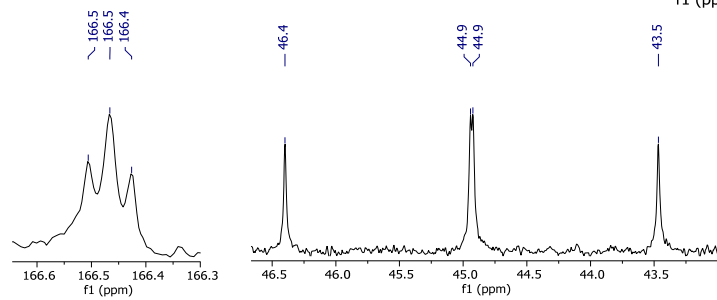
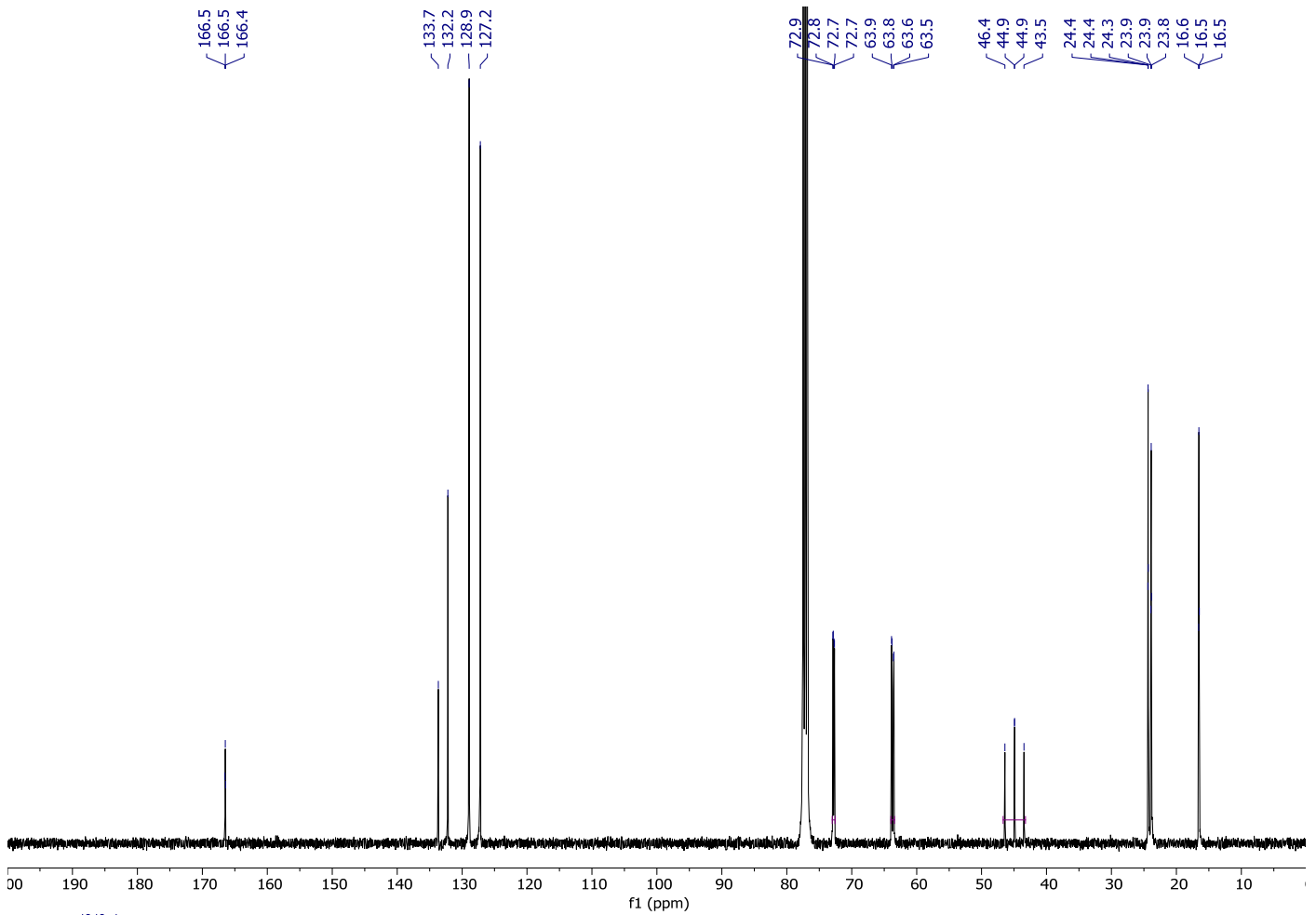
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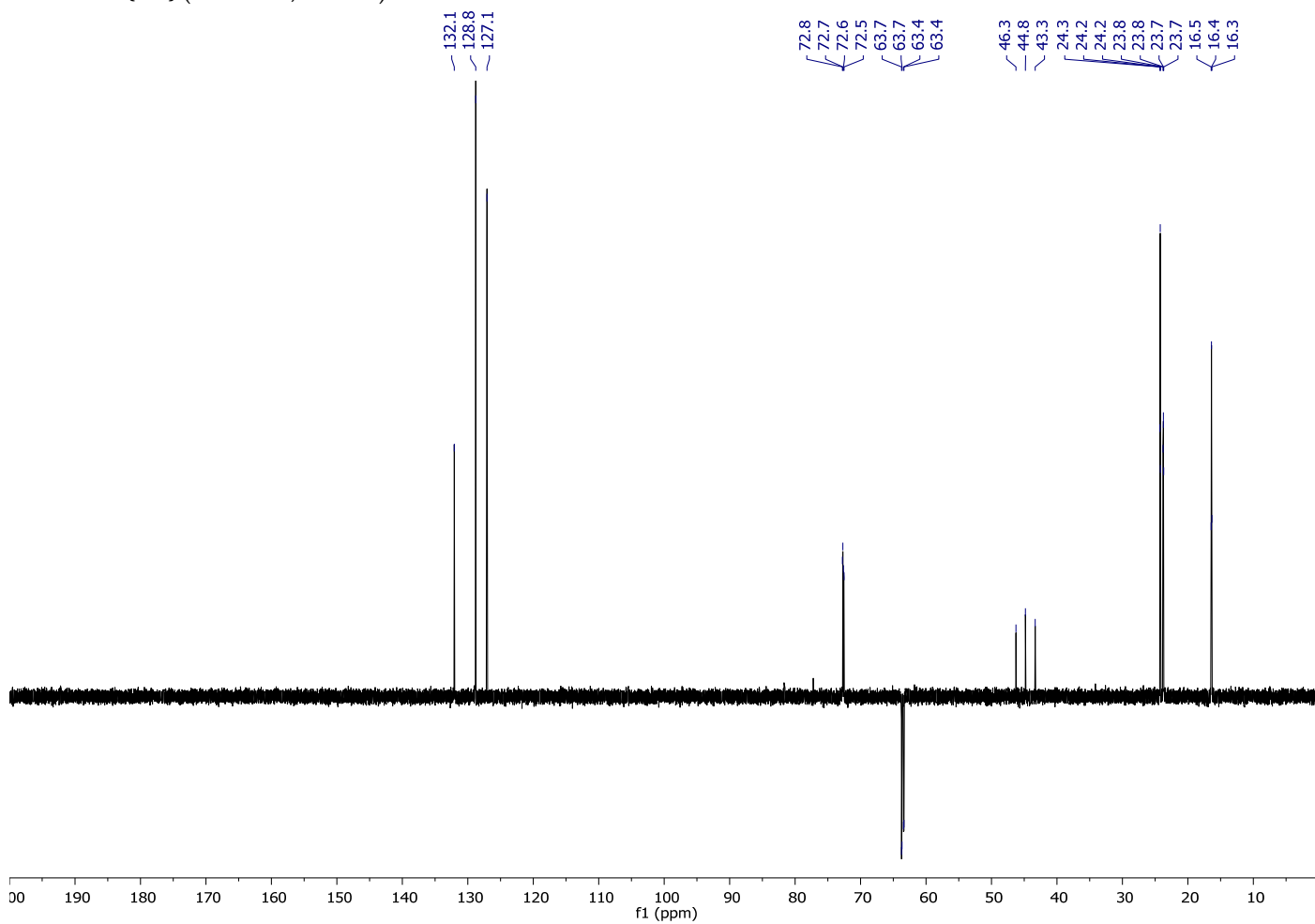
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<sup>1</sup>H-NMR, <sup>13</sup>C {<sup>1</sup>H}-NMR, DEPT {<sup>1</sup>H}, <sup>31</sup>P NMR, 2D-COSY NMR, 2D-HSQC NMR, 2D-HMBC NMR, FTIR (neat), HRMS (ESI-TOF) and UV of Phosphorated Derivative 3.

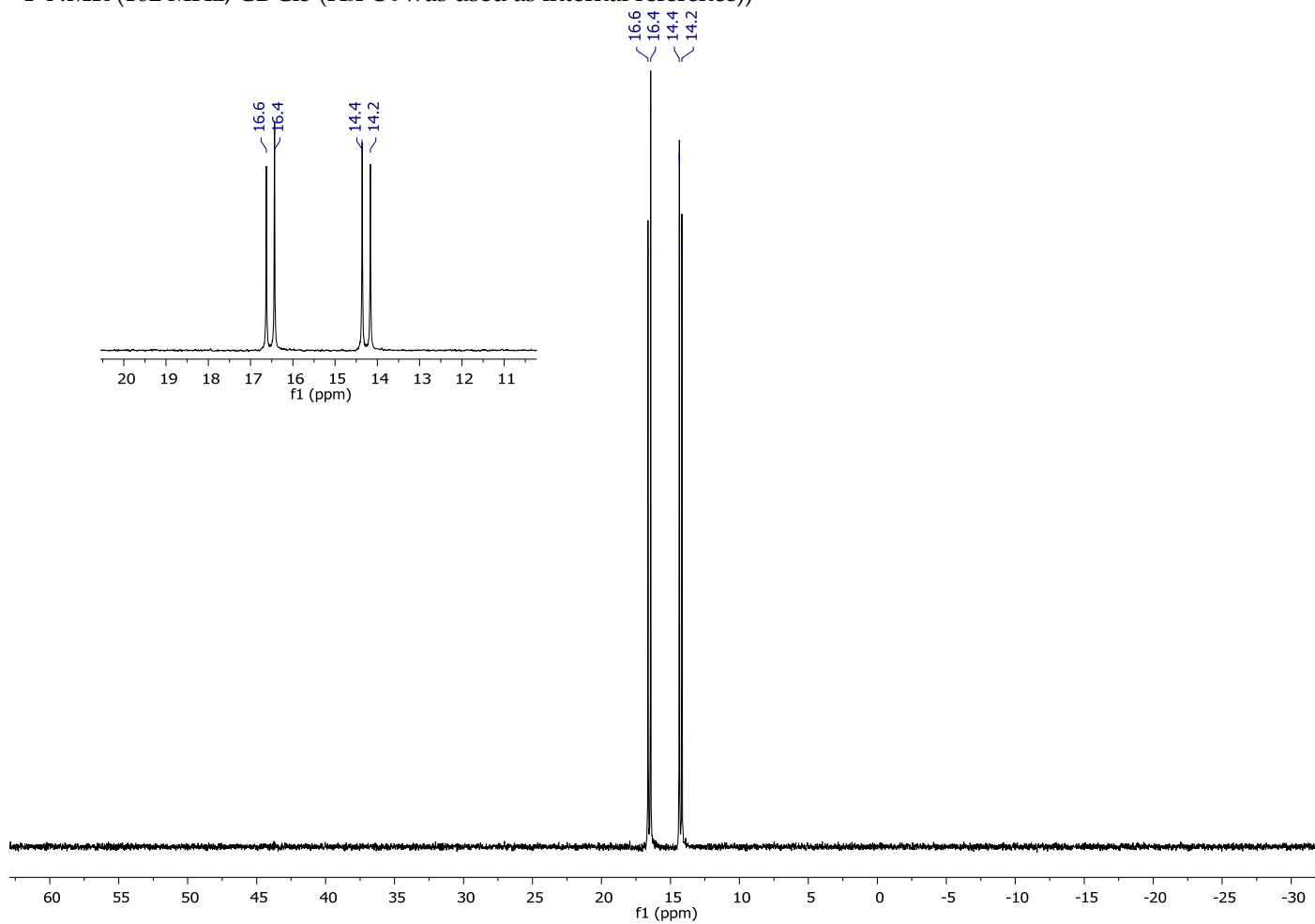
<sup>1</sup>H NMR (400 MHz, CD<sub>3</sub>OD)

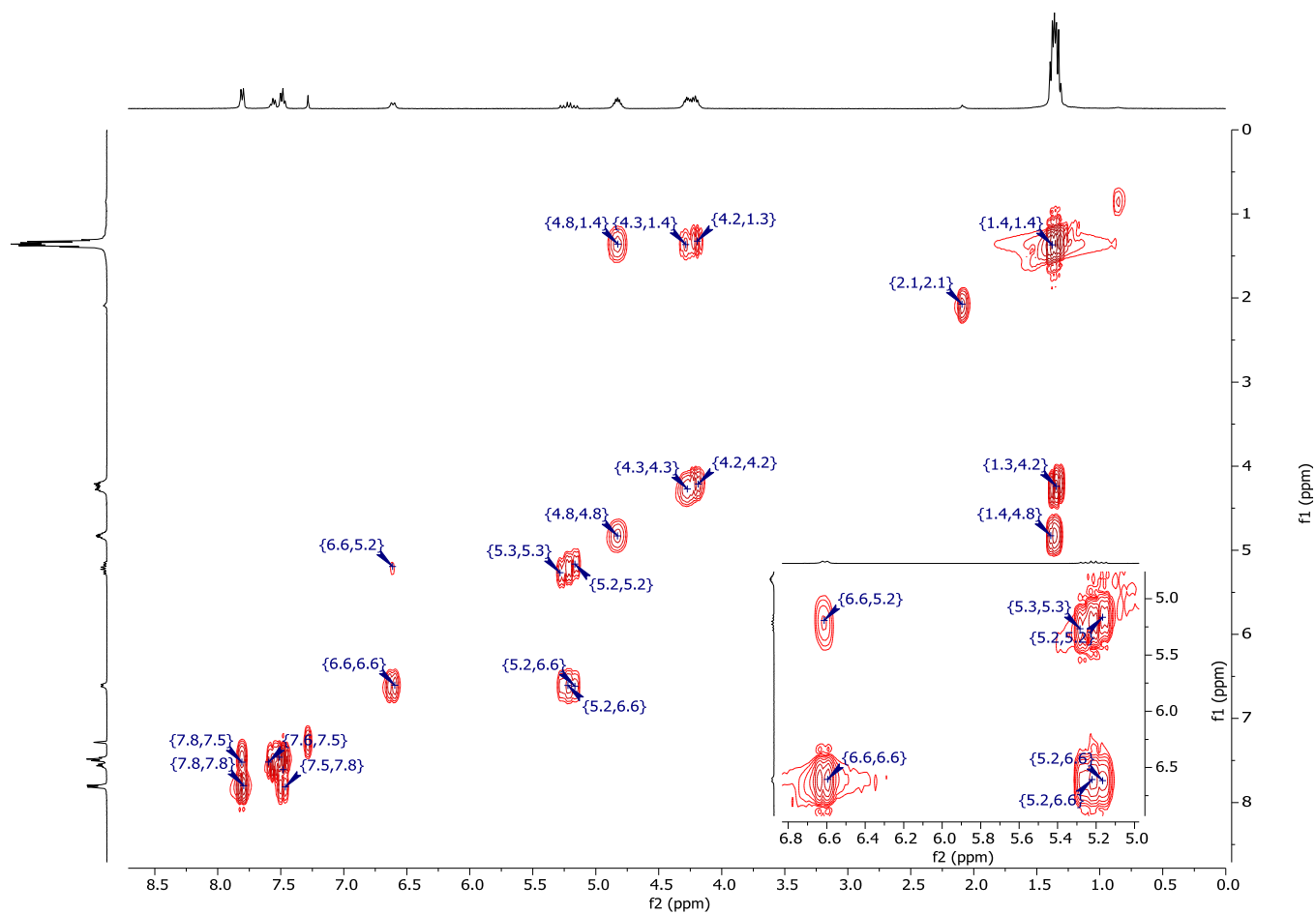


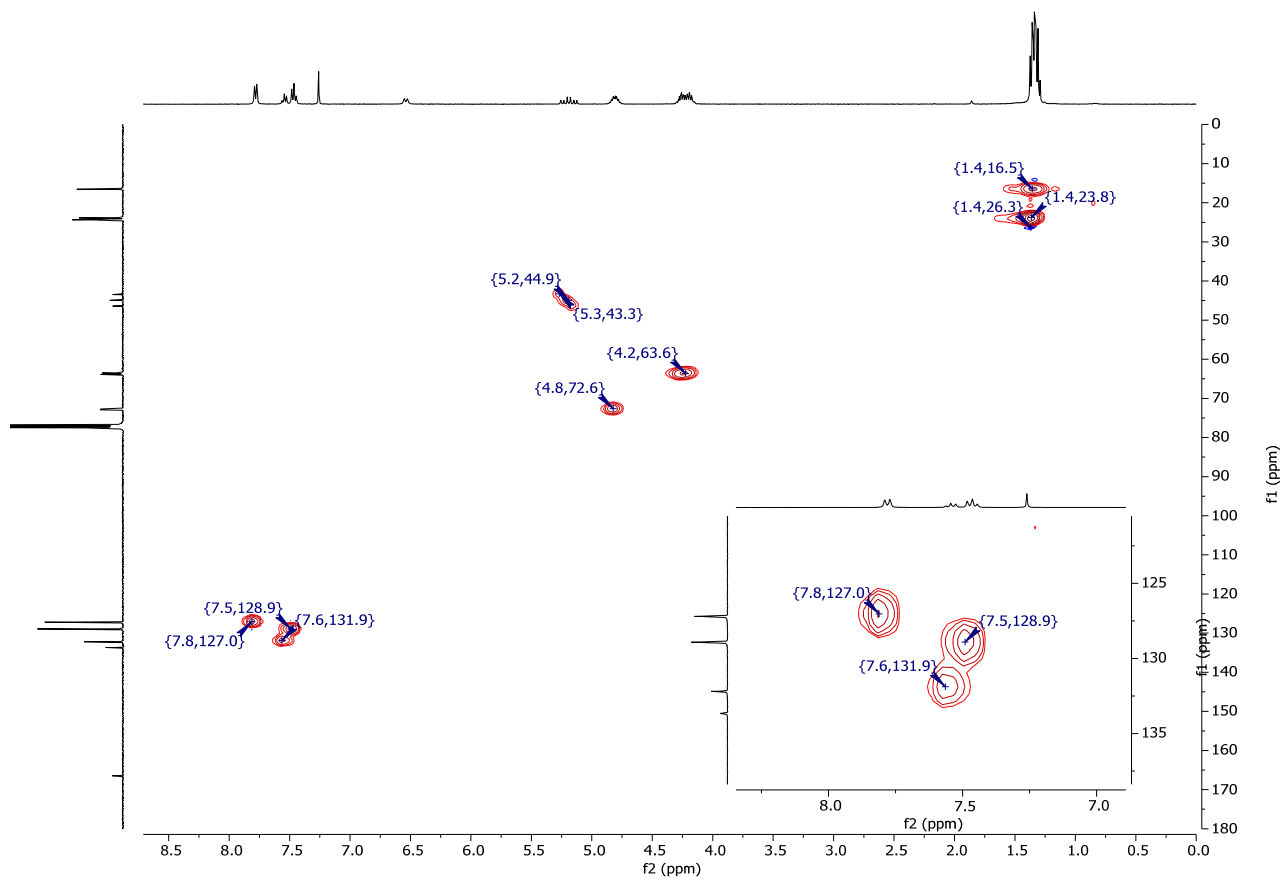
$^{13}\text{C}$  NMR  $\{^1\text{H}\}$  (101 MHz,  $\text{CDCl}_3$ )

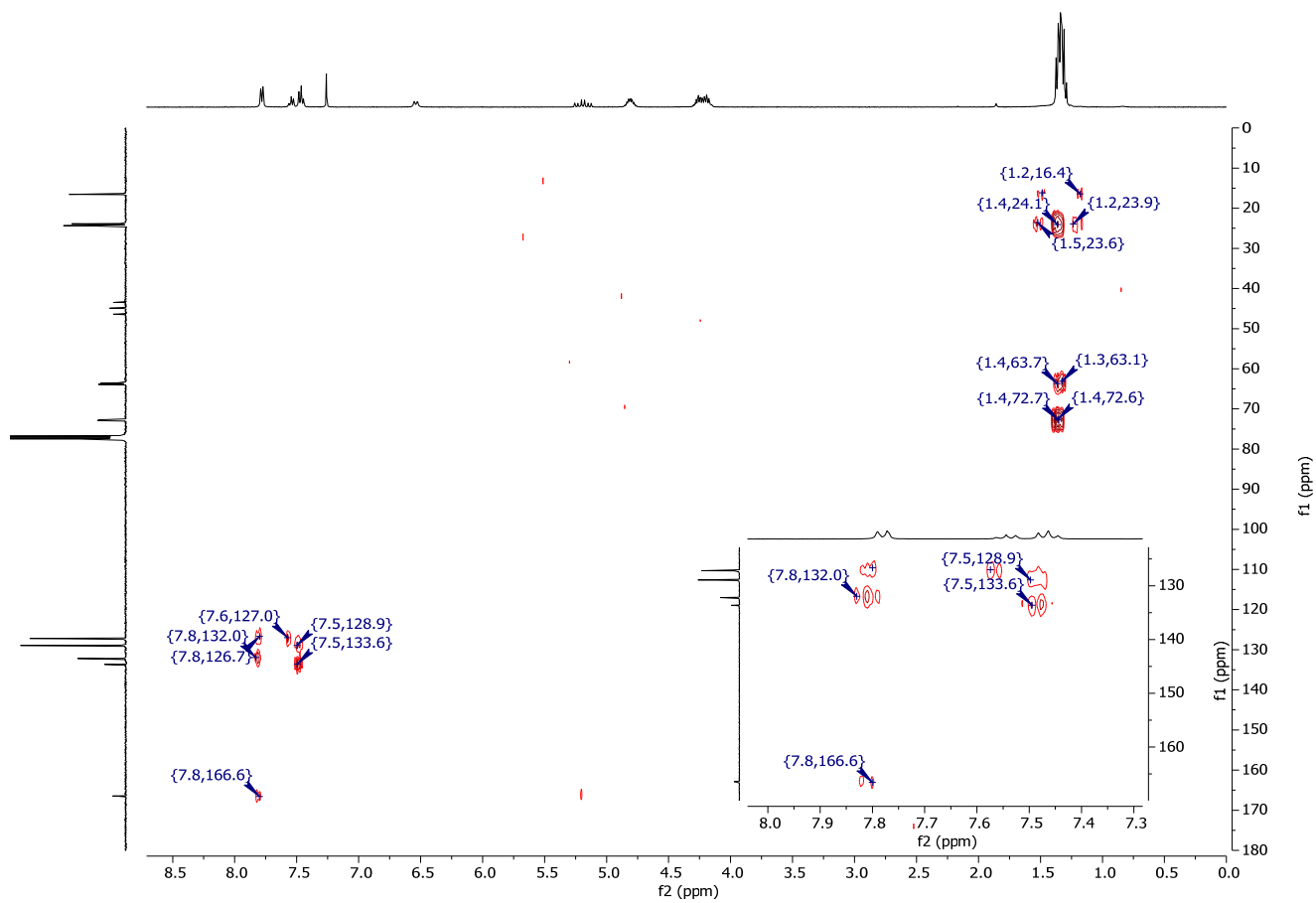
DEPT 135 {1H} (101 MHz, CDCl<sub>3</sub>)

$^{31}\text{P}$  NMR (162 MHz,  $\text{CDCl}_3$  ( $\text{H}_3\text{PO}_4$  was used as internal reference))

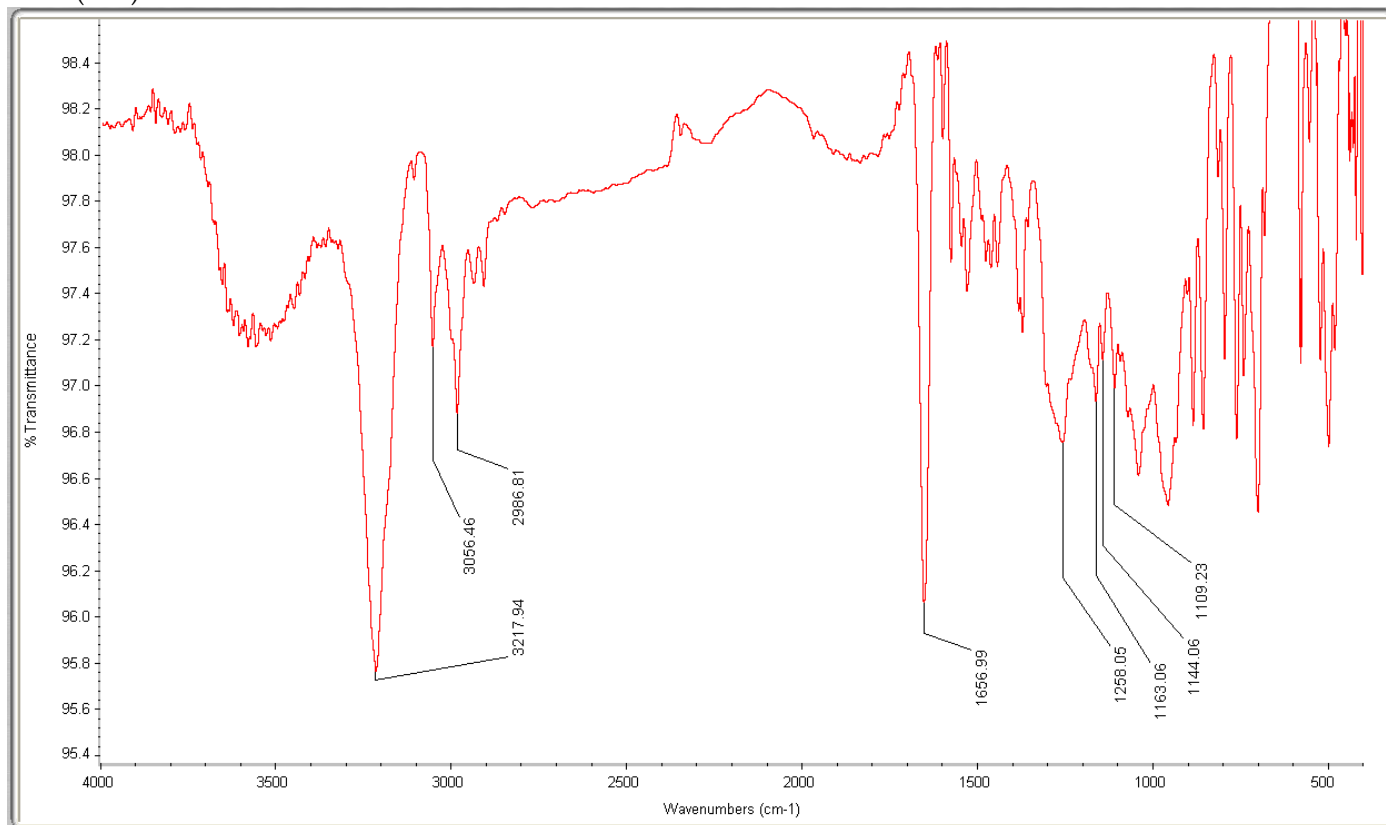


2D-COSY NMR  $\{^1\text{H} - ^1\text{H}\}$  (400 MHz,  $\text{CDCl}_3$ )

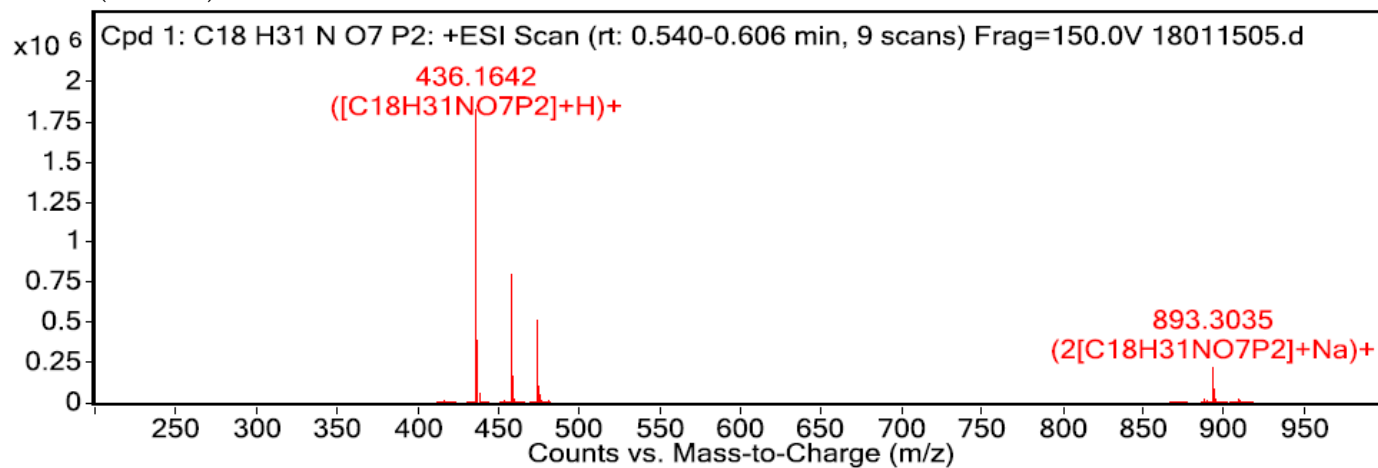
2D-HSQC NMR ( $^1\text{H} - ^{13}\text{C}$ ) ( $^1\text{H}$ : 400 MHz,  $^{13}\text{C}$ : 101 MHz,  $\text{CDCl}_3$ )

2D-HMBC NMR  $\{^1\text{H} - ^{13}\text{C}\}$  ( $^1\text{H}$ : 400 MHz,  $^{13}\text{C}$ : 101 MHz,  $\text{CDCl}_3$ )

## FTIR (KBr)



## HRMS (ESI-TOF)





UV

