

## SUPPORTING INFORMATION TO

### The synthesis of 2'-methylseleno adenosine and guanosine 5'-triphosphates

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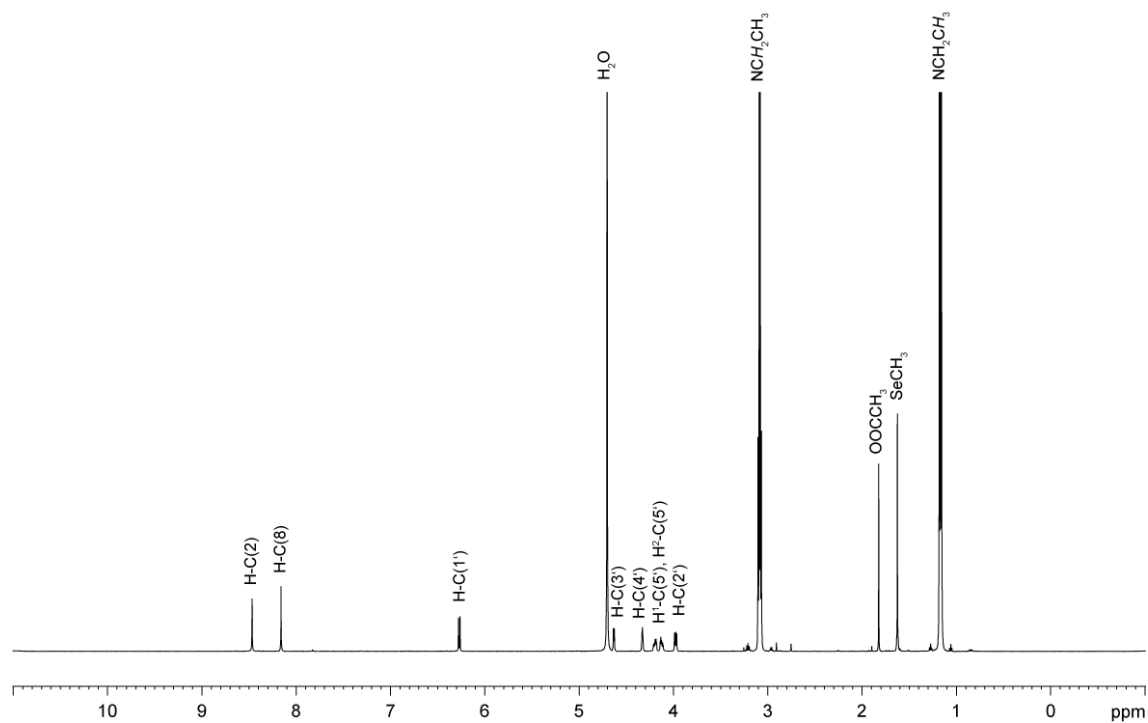
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### <sup>1</sup>H and <sup>13</sup>C NMR of compounds 2 and 4

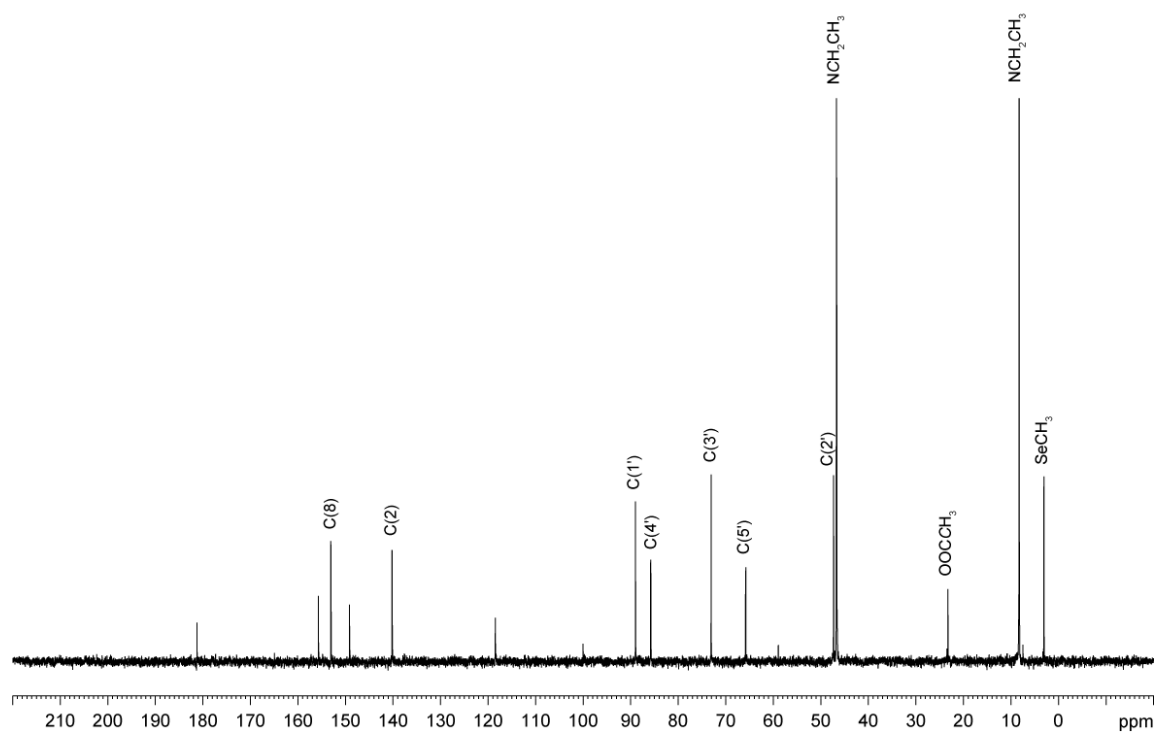
Compound 2	2
Compound 4	3

## 2'-Methylseleno-2'-deoxyadenosine 5'-triphosphate (2)

$^1\text{H-NMR}$  (500 MHz,  $\text{D}_2\text{O}$ )

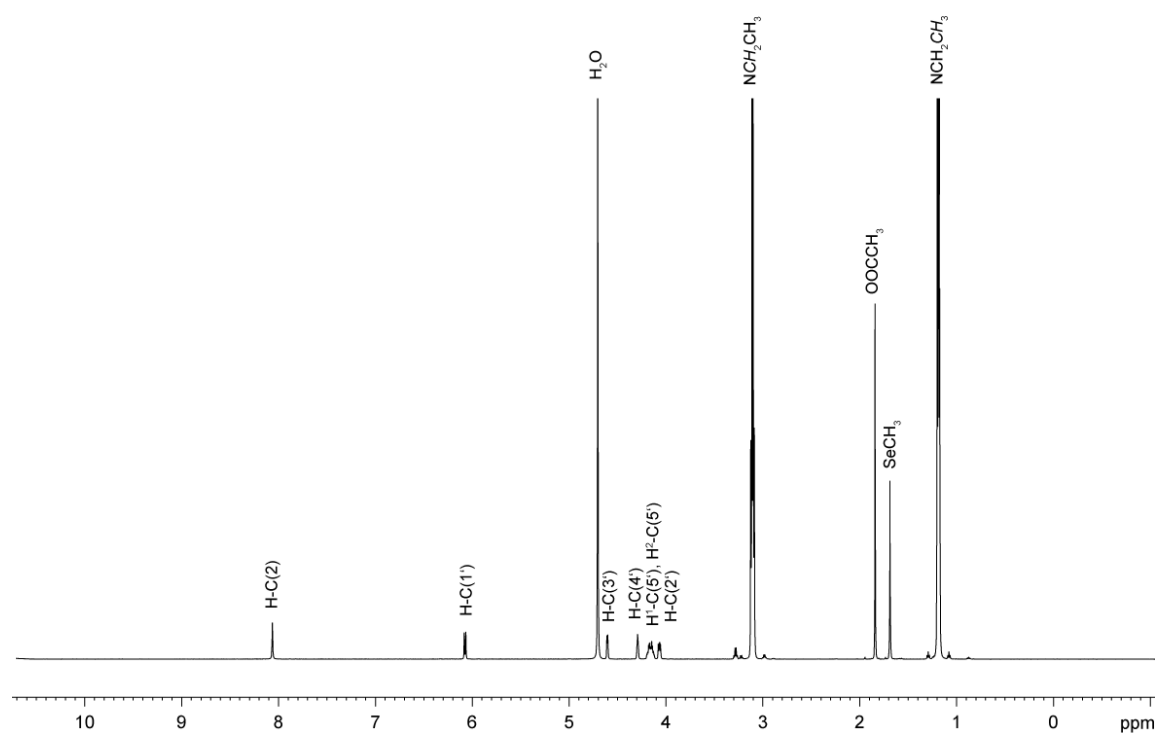


$^{13}\text{C-NMR}$  (150 MHz,  $\text{D}_2\text{O}$ )



# Synthesis of 2'-methylseleno-2'-deoxyguanosine 5'-triphosphate (4)

$^1\text{H-NMR}$  (500 MHz,  $\text{D}_2\text{O}$ )



$^{13}\text{C-NMR}$  (150 MHz,  $\text{D}_2\text{O}$ )

