

## Supporting information

# Azido-Ceramides, a Tool to Analyse SARS-CoV-2 Replication and Inhibition – SARS-CoV-2 Is Inhibited by Ceramides

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## 1. Oligonucleotide sequences for FISH labelling

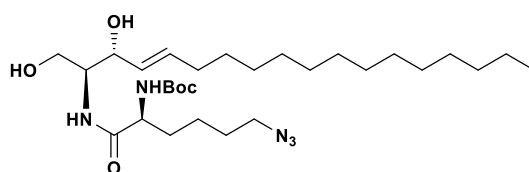
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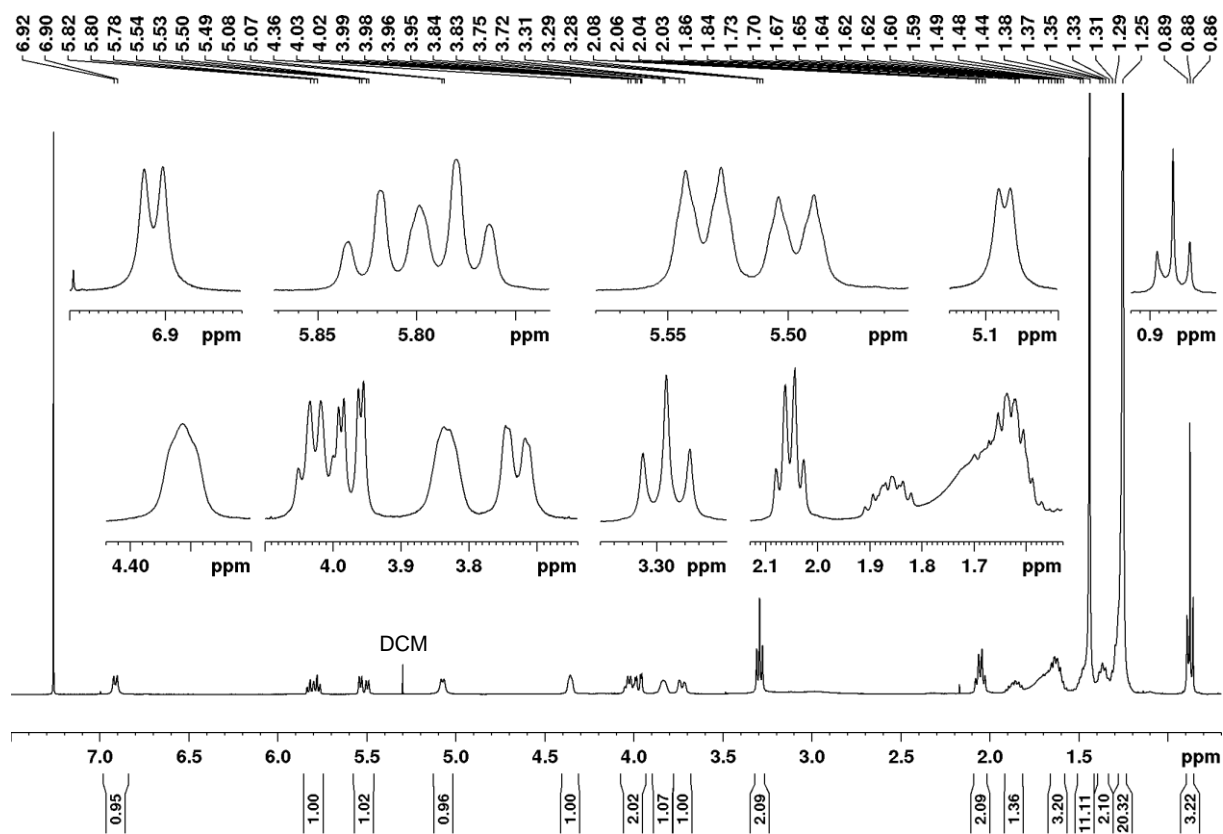
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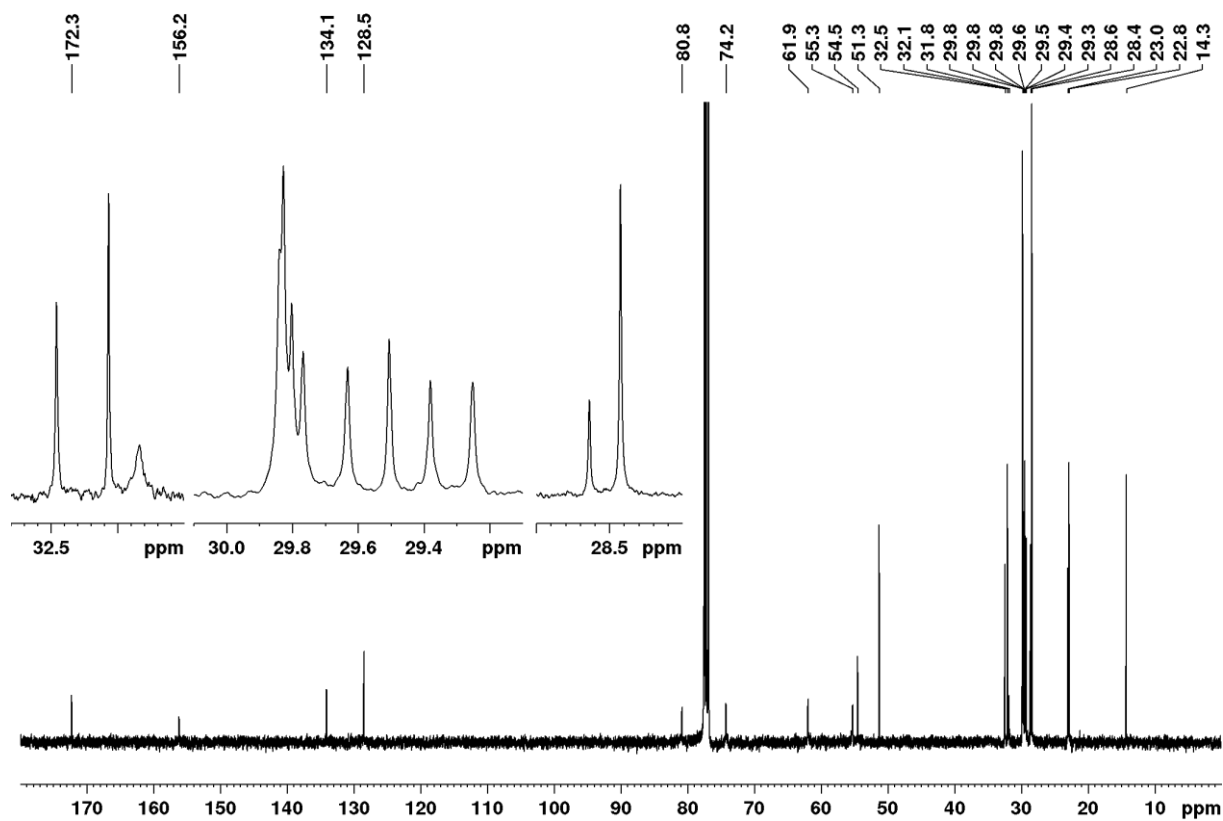
## 2. Synthesis:

***tert*-Butyl ((*S*)-6-azido-1-(((2*S*,3*R*)-1,3-dihydroxy-(*E*)-octadec-4-ene-2-yl)amino)-1-oxohexane-2-yl)carbamate **1****



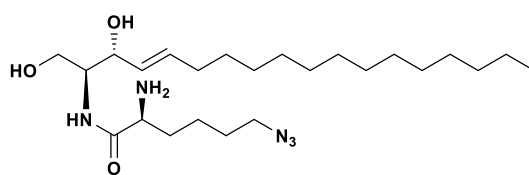


**Figure S1:**  $^1\text{H}$  NMR spectrum of 1 (400 MHz,  $\text{CDCl}_3$ ).

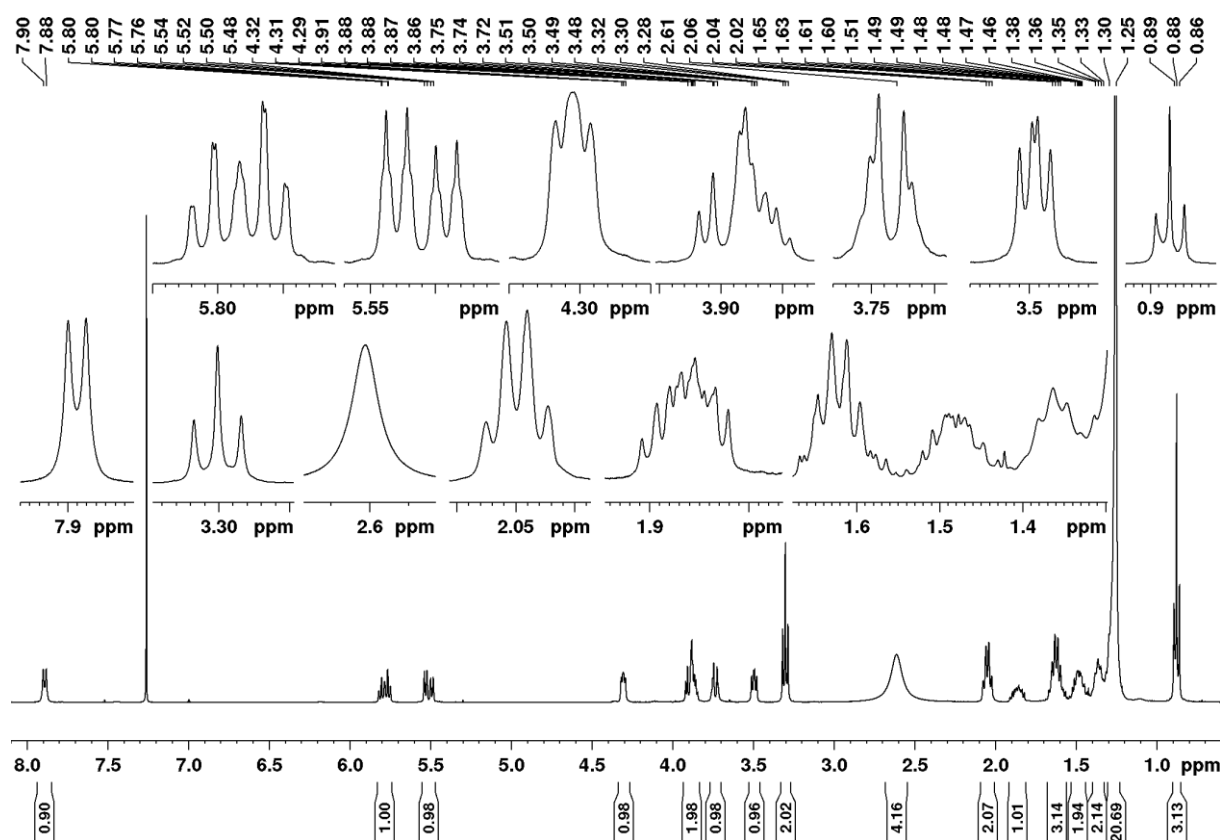


**Figure S2:**  $^{13}\text{C}$  NMR spectrum of 1 (100 MHz,  $\text{CDCl}_3$ ).

**(S)-2-Amino-6-azido-N-((2S,3R)-1,3-dihydroxy-(E)-octadec-4-ene-2-yl)hexanamide 2**



**2**



**Figure S3:**  $^1\text{H}$  NMR spectrum of **2** (400 MHz,  $\text{CDCl}_3$ ).

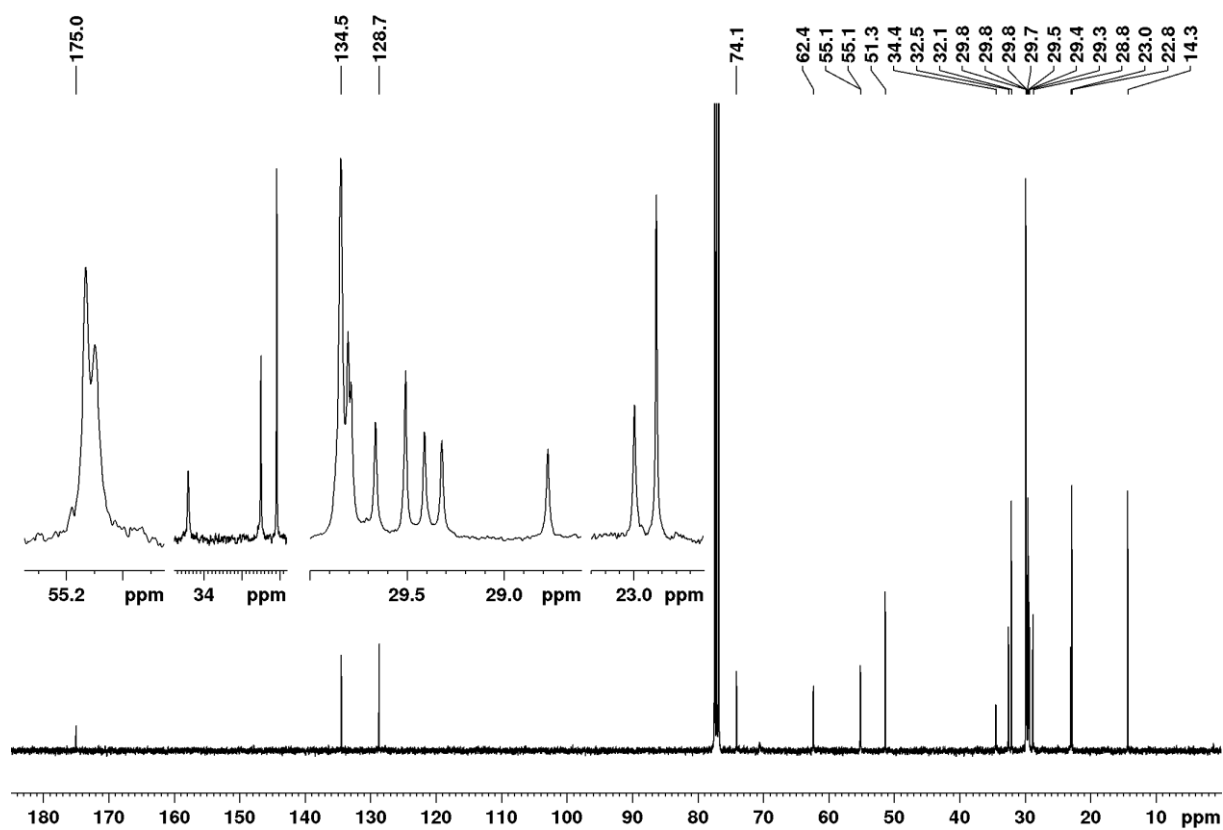


Figure S4:  $^{13}\text{C}$  NMR spectrum of 2 (100 MHz,  $\text{CDCl}_3$ ).