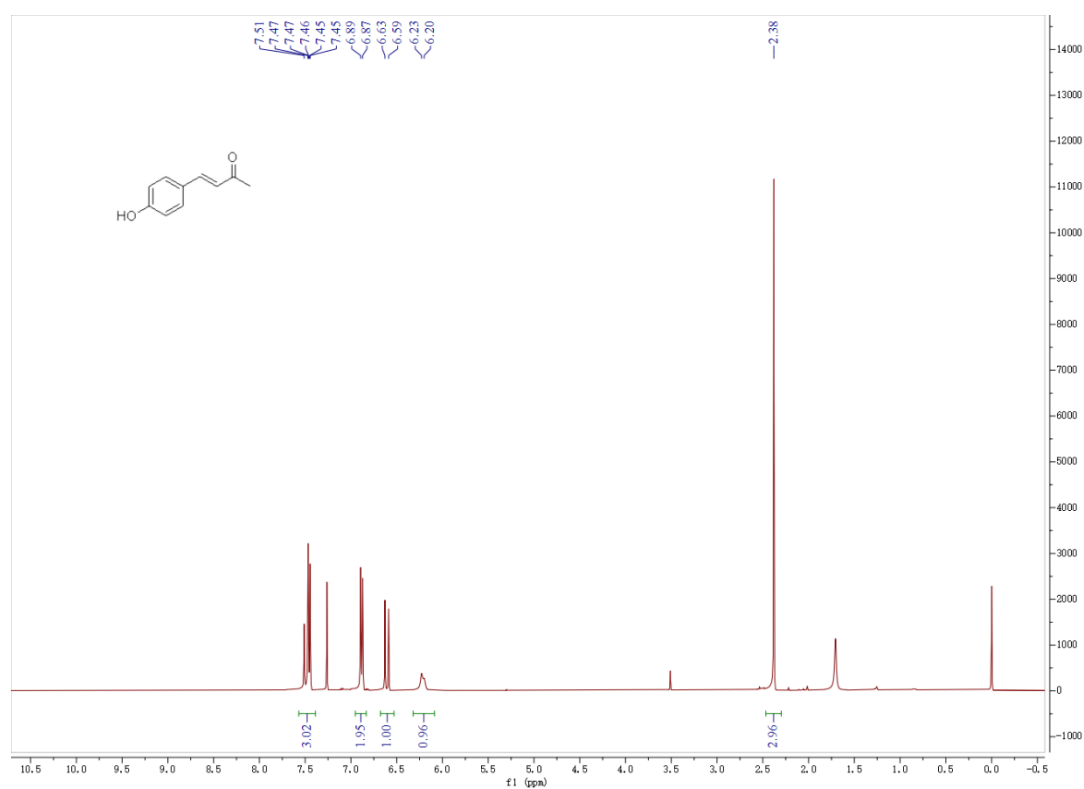


## Electronic Supporting Information

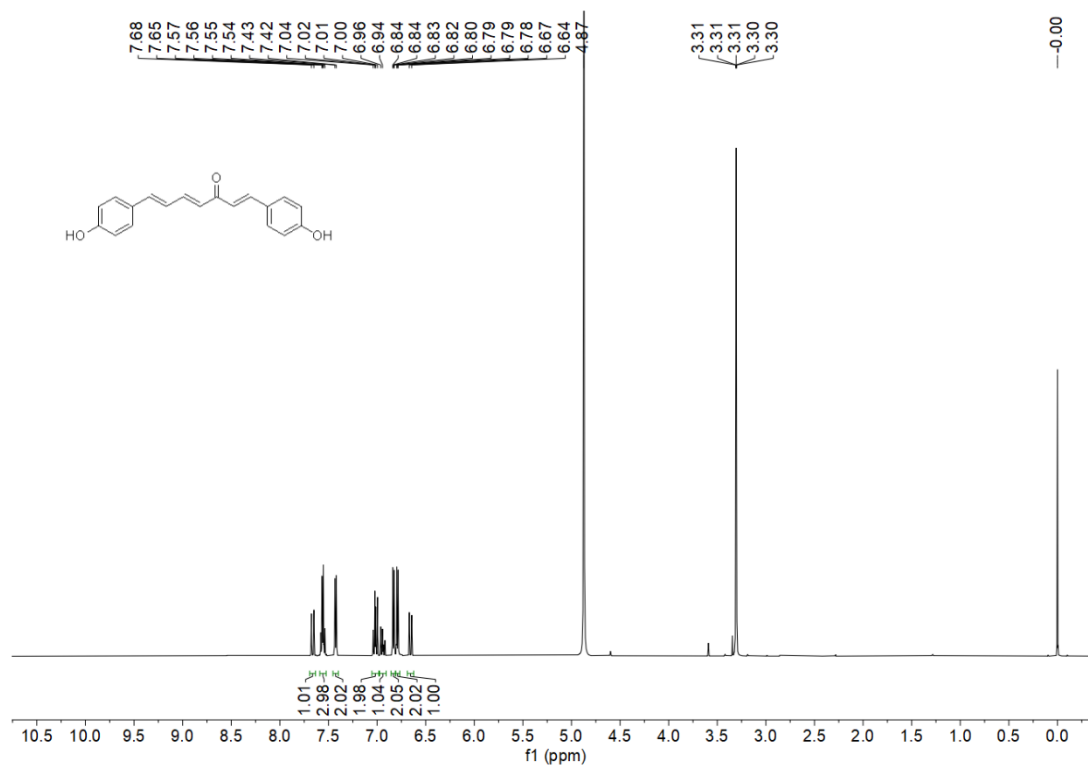
### 1,7-Bis(4-hydroxyphenyl)-1,4,6-heptatrien-3-one as a potential inhibitor for SARS-CoV-2 by targeting nucleocapsid protein

Yang Liu<sup>a,1</sup>, Kuiru Sa<sup>a,1</sup>, Wei Xu<sup>b,1</sup>, Yongkang Chen<sup>b,1</sup>, Jing Liang<sup>a</sup>, Peng Zou<sup>c\*</sup>, Lixia Chen<sup>a\*</sup>

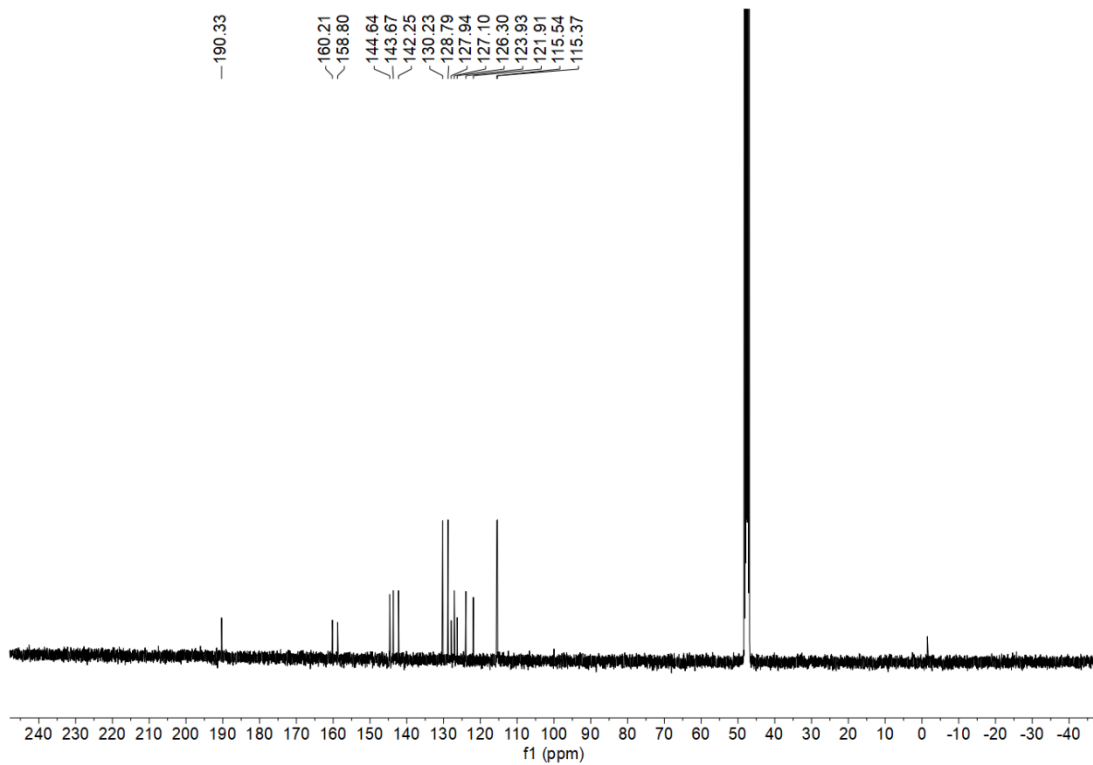
#### <sup>1</sup>H NMR spectrum for intermediate 1:



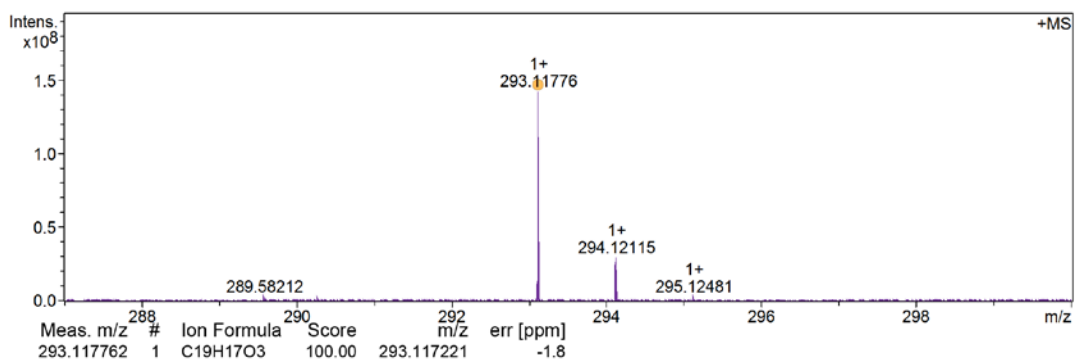
**<sup>1</sup>H NMR spectrum for N-17:**



**<sup>13</sup>C NMR spectrum for N-17:**

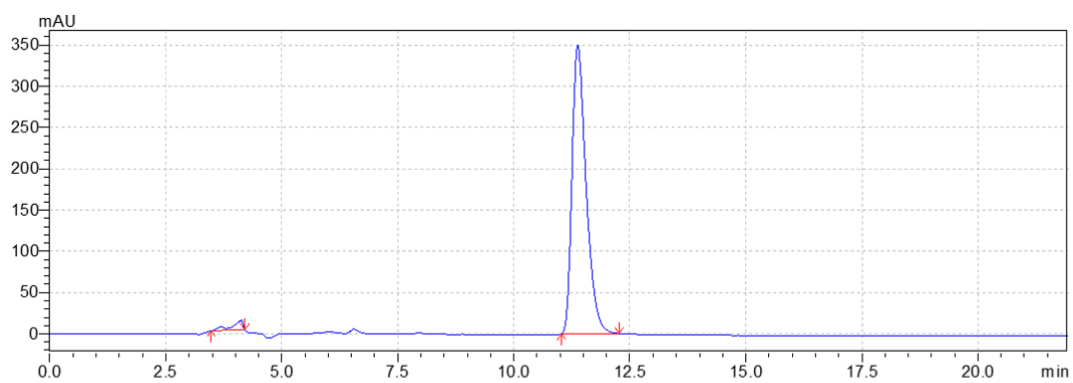


### HRMS of N-17:



### Purity data of N-17: 97.4%

YMC-Triart C18 (5 μm, 0.46 × 25 cm); UV detection at 220 nm; Elution, CH<sub>3</sub>OH/H<sub>2</sub>O = 70/30; T = 35 °C; Flow rate = 0.8 mL/min. Purity = 97.4%.



Peak	$t_R$	Area%
1	4.126	2.562
2	11.377	97.438
Total		100.000