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Chemistry & Drug Discovery

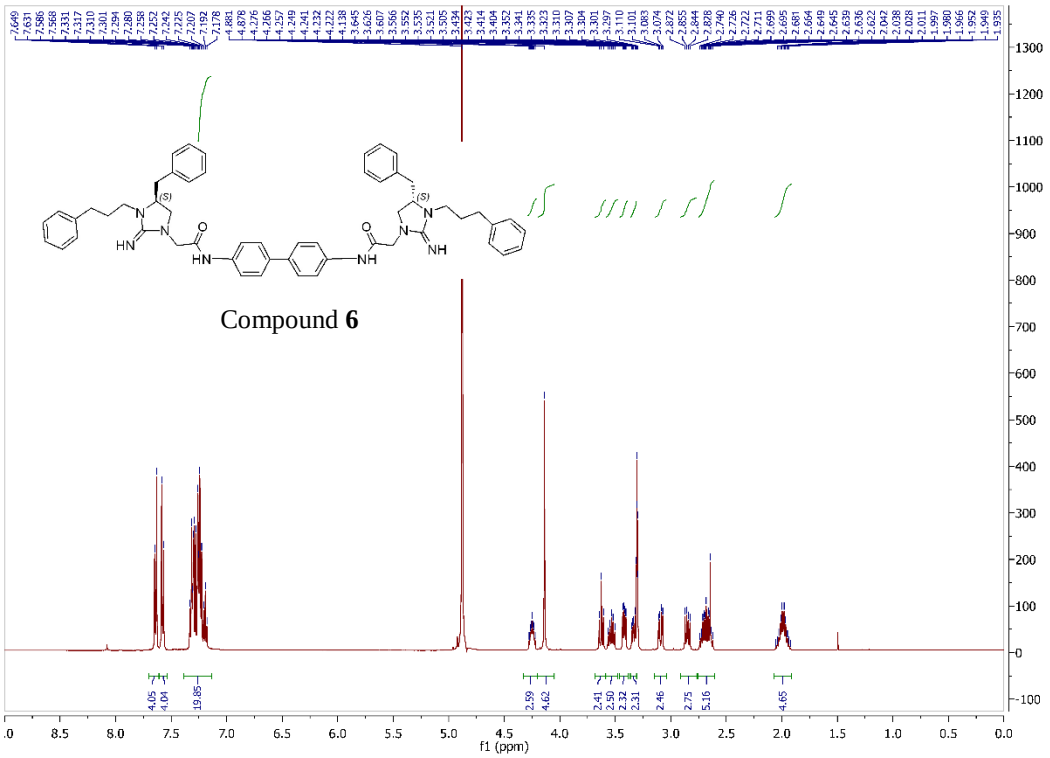
Supporting Information

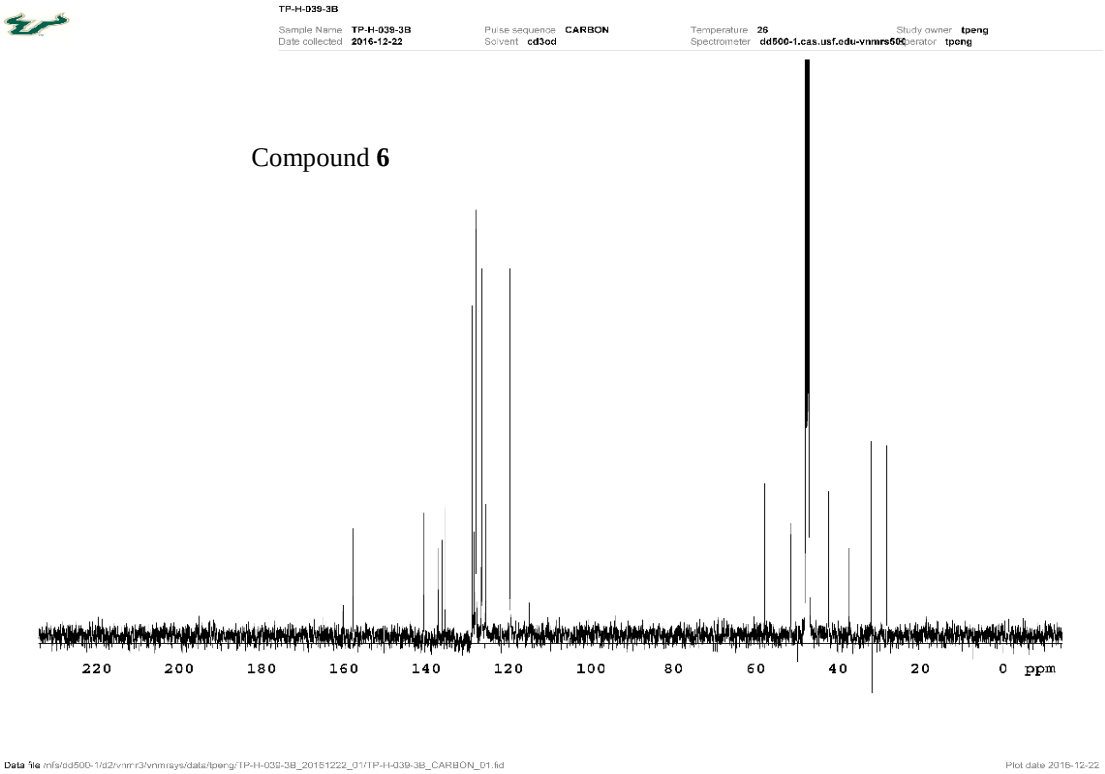
Bis-Cyclic Guanidines as a Novel Class of Compounds Potent against *Clostridium difficile*

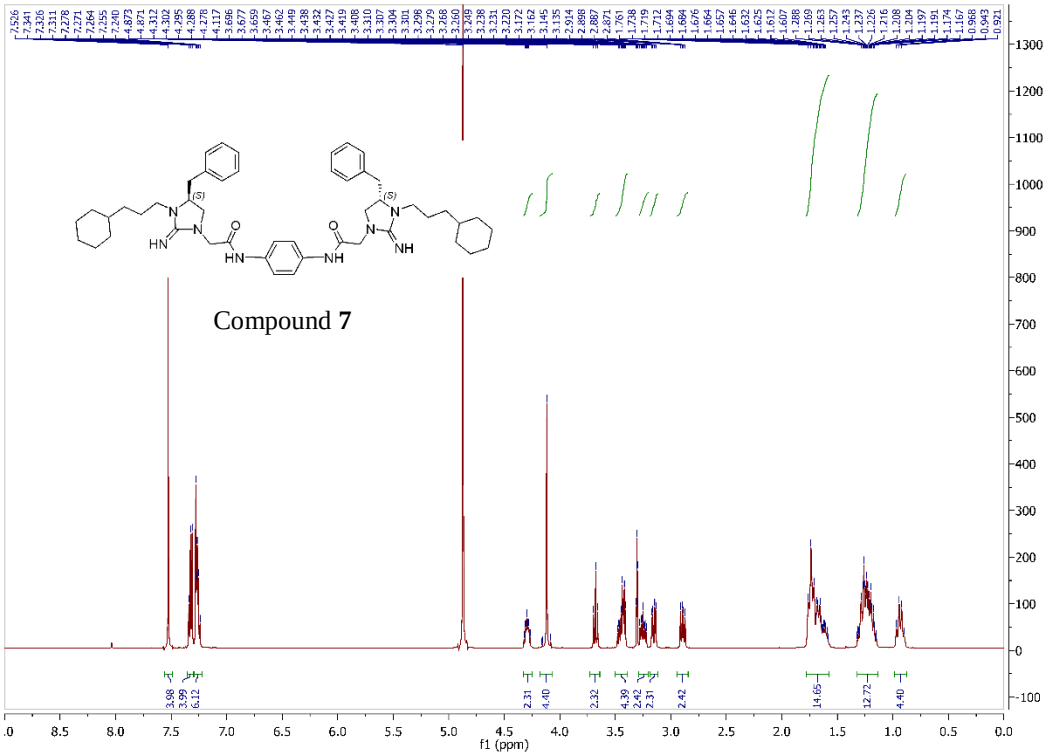
Chunhui Li[+],[a, c] Peng Teng[+],[b] Zhong Peng[+],[a, d] Peng Sang,[b] Xingmin Sun,*[a] and Jianfeng Cai*[b]

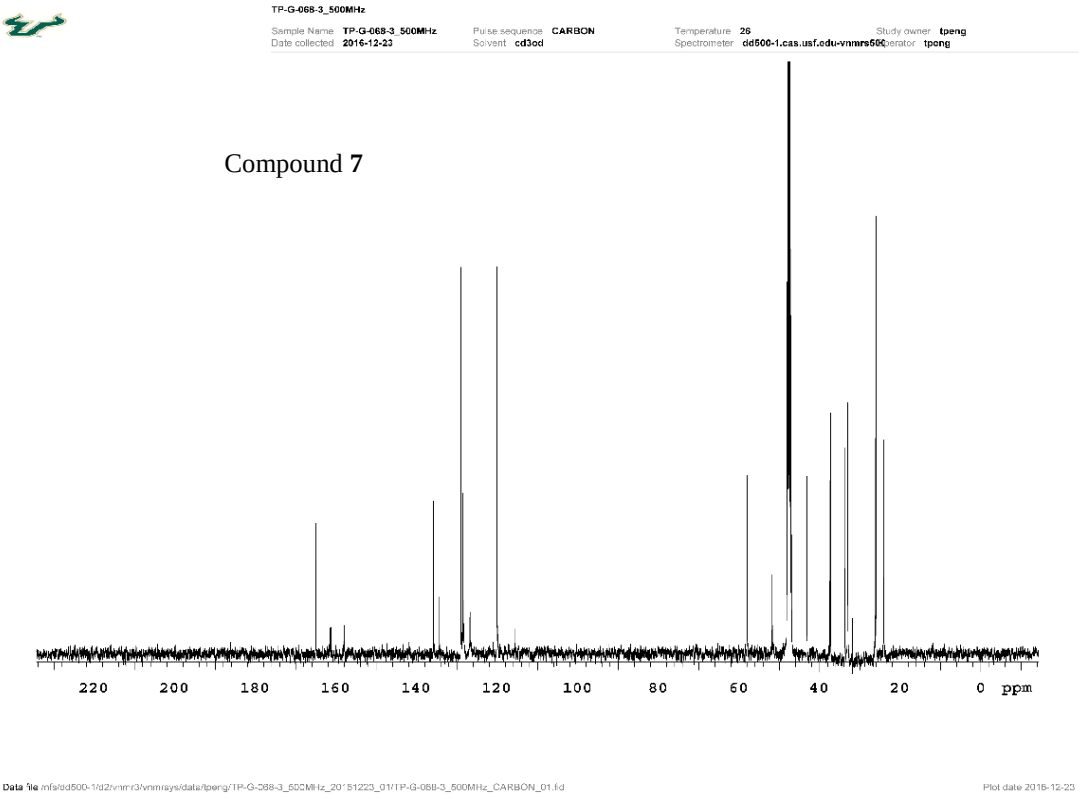
cmdc_201800240_sm_miscellaneous_information.pdf

1. ^{1}H NMR and ^{13}C NMR spectra of compounds 6–11, 14, and 15









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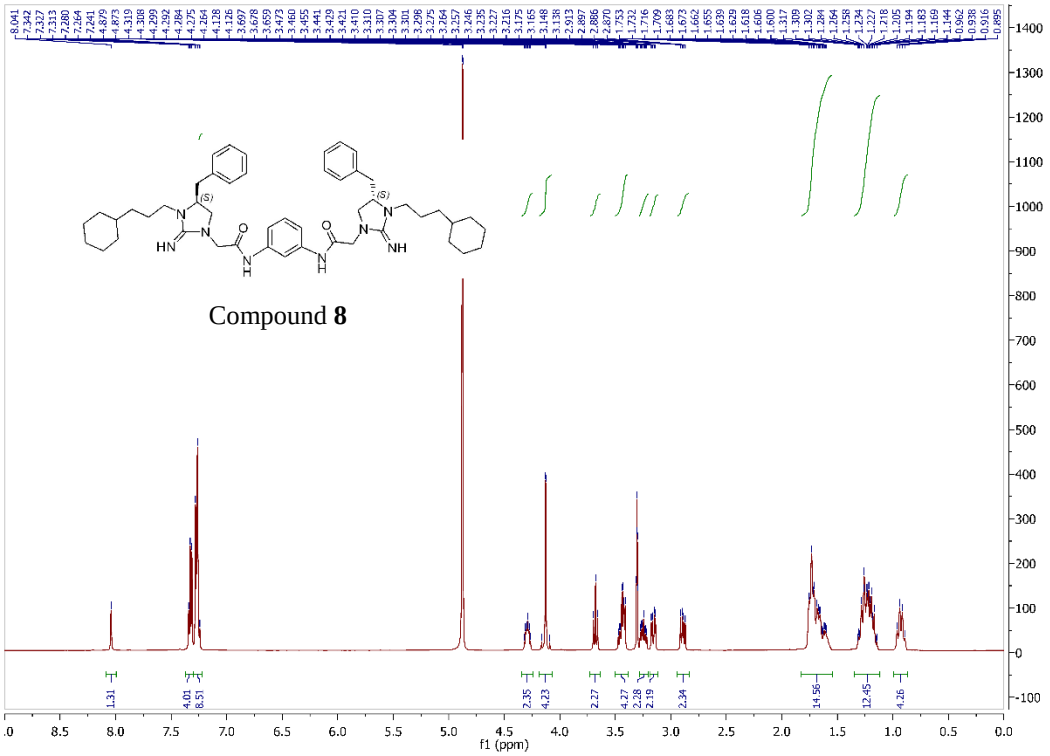
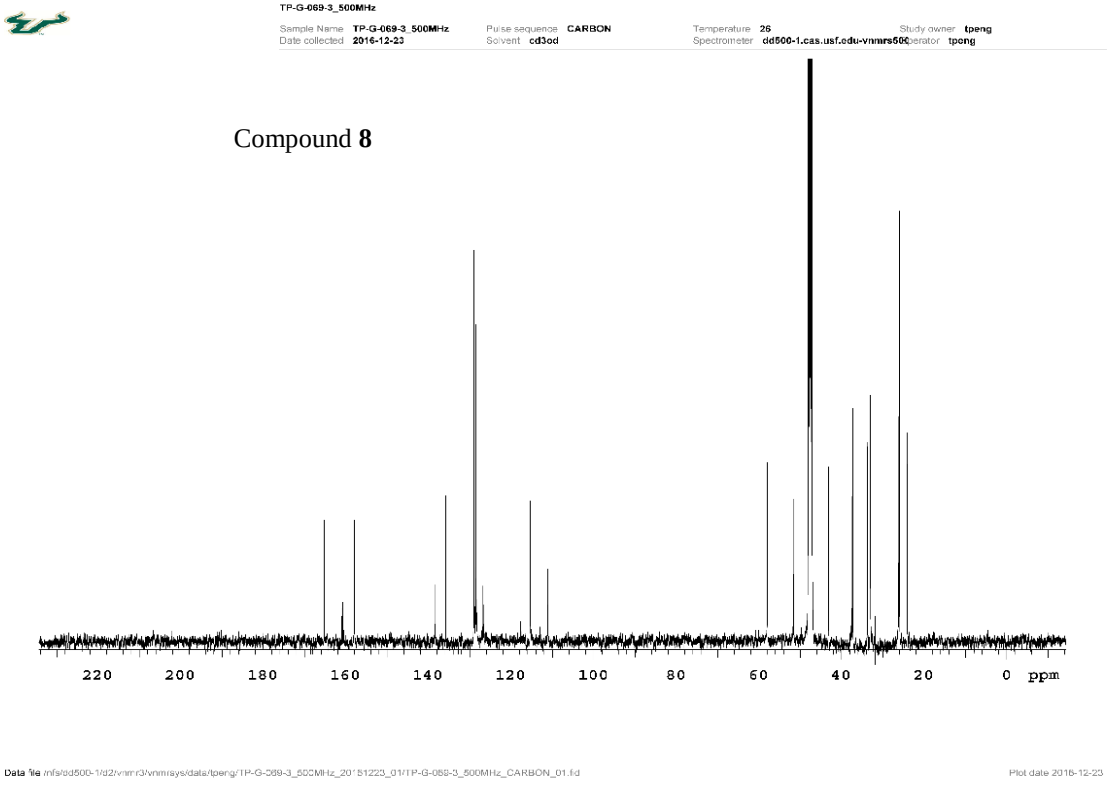
Plot date 2016-12-23



Compound **8**



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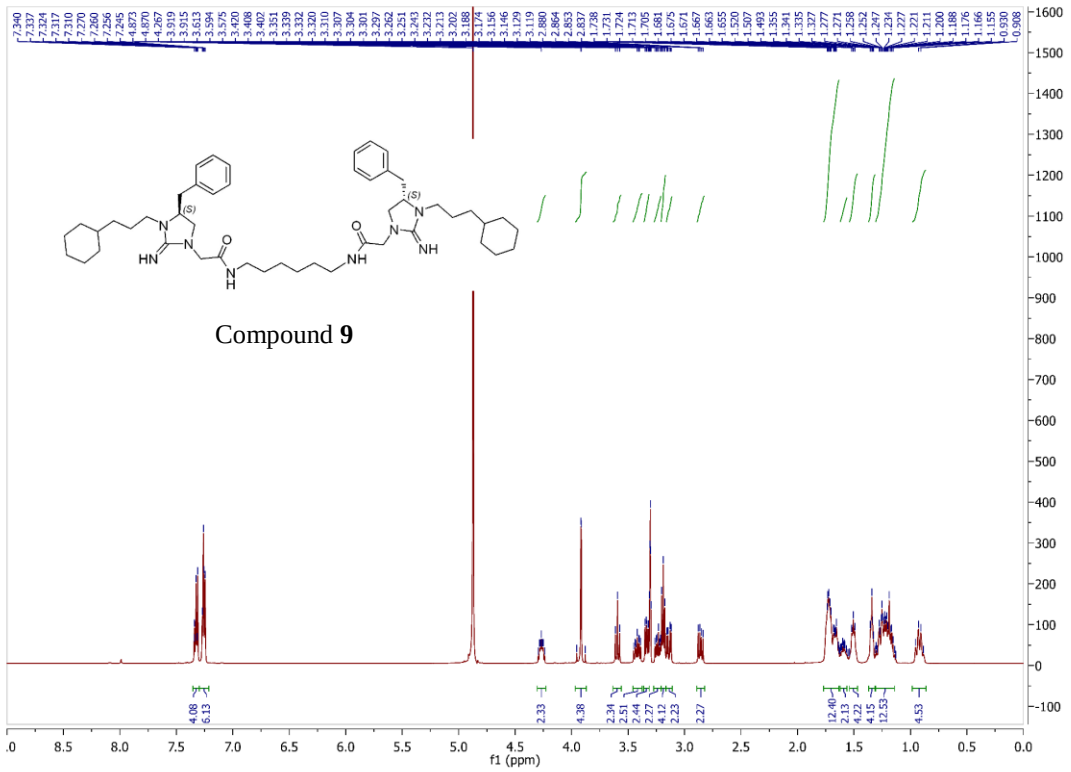
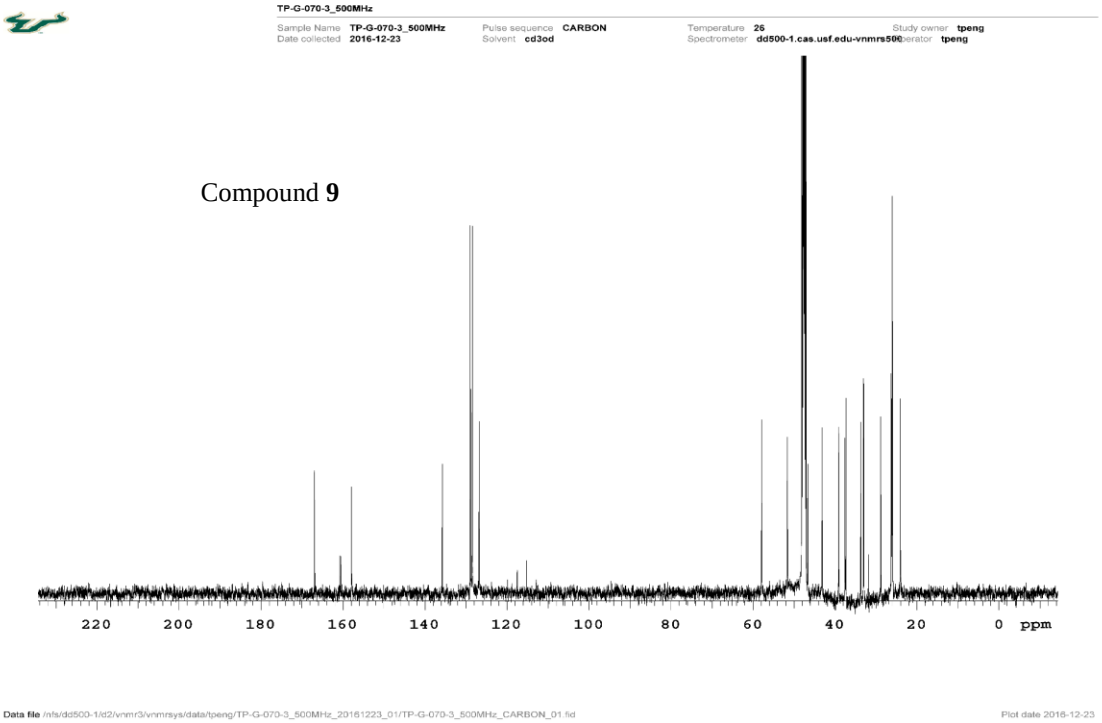
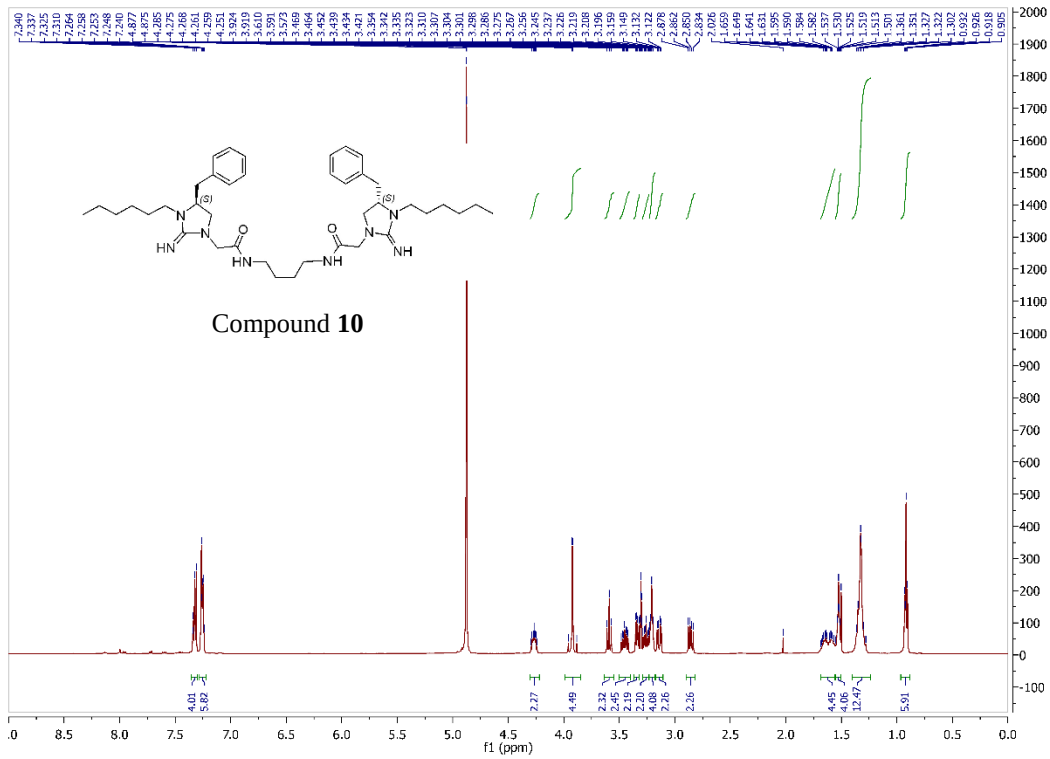


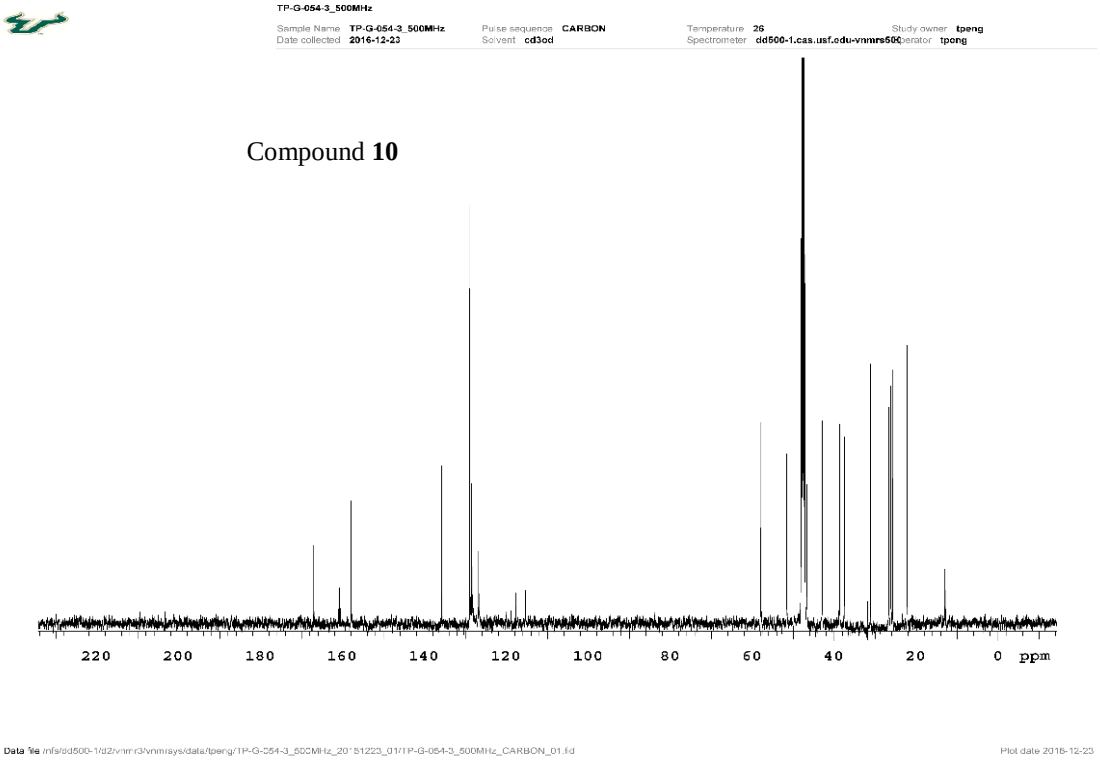
Compound **9**



Compound **9**



Compound **10**



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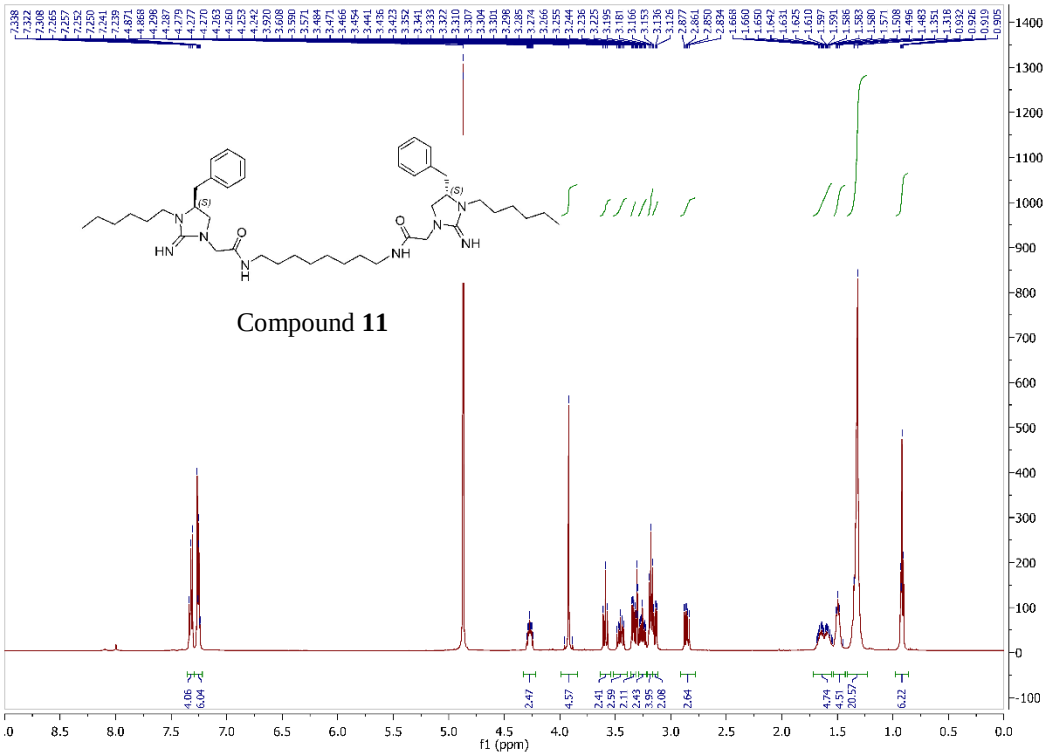

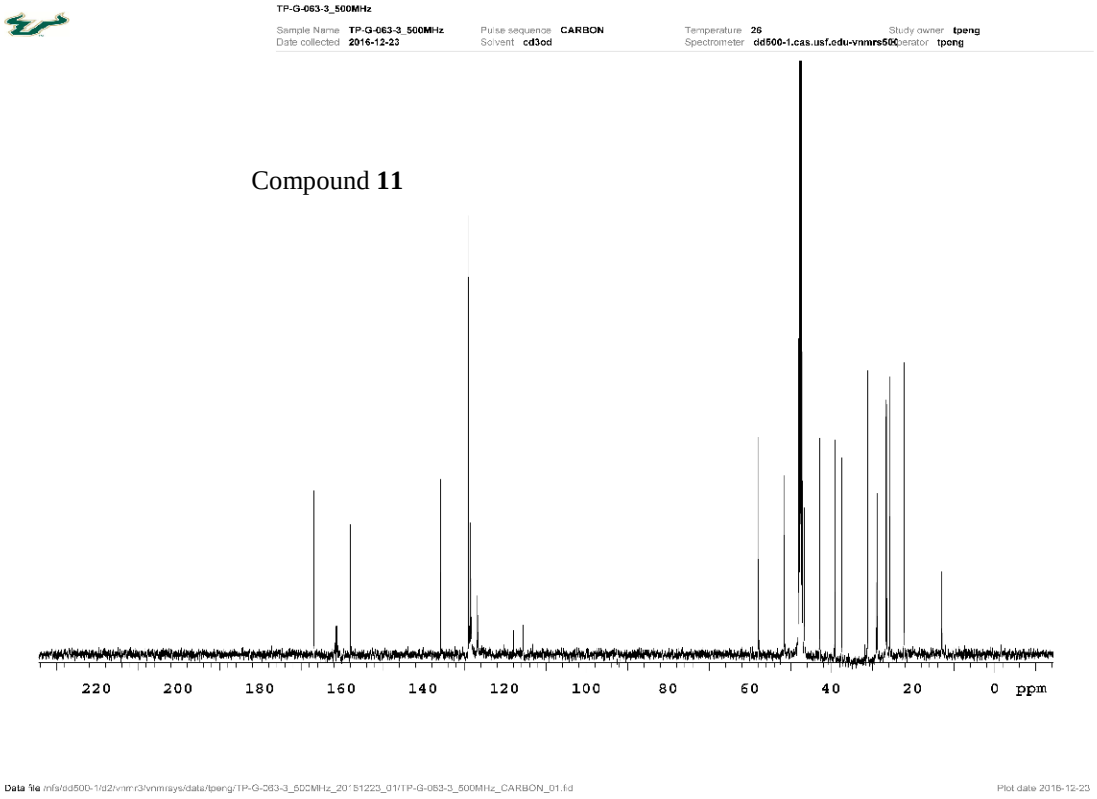

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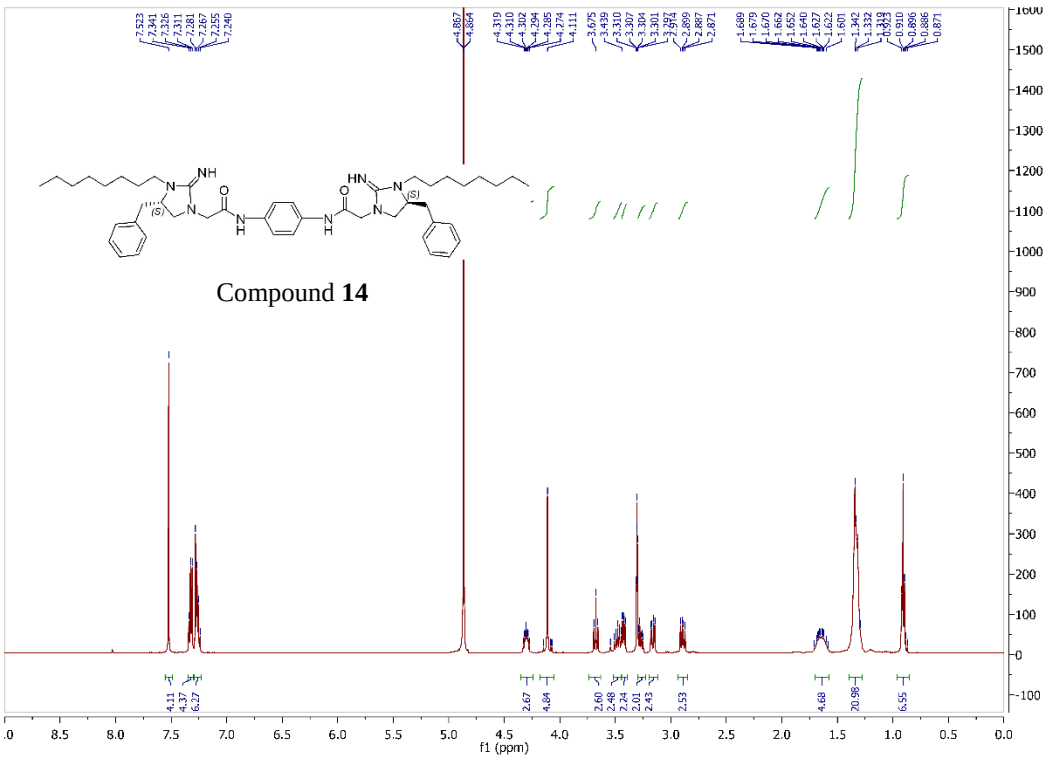
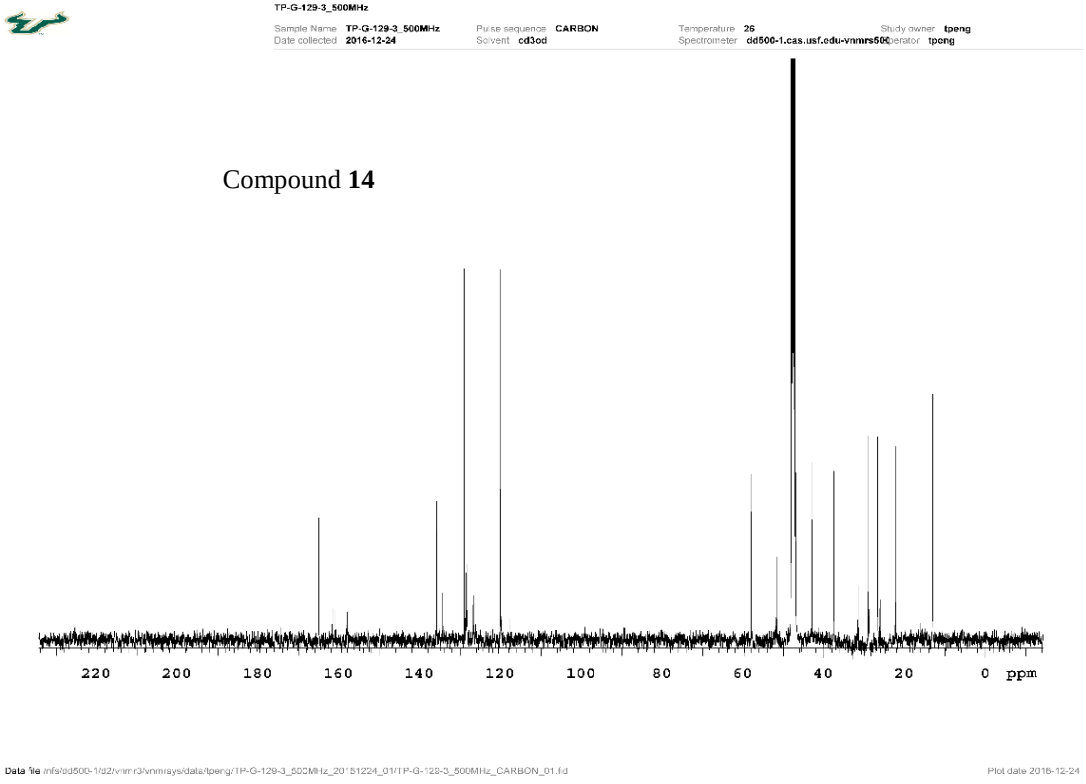
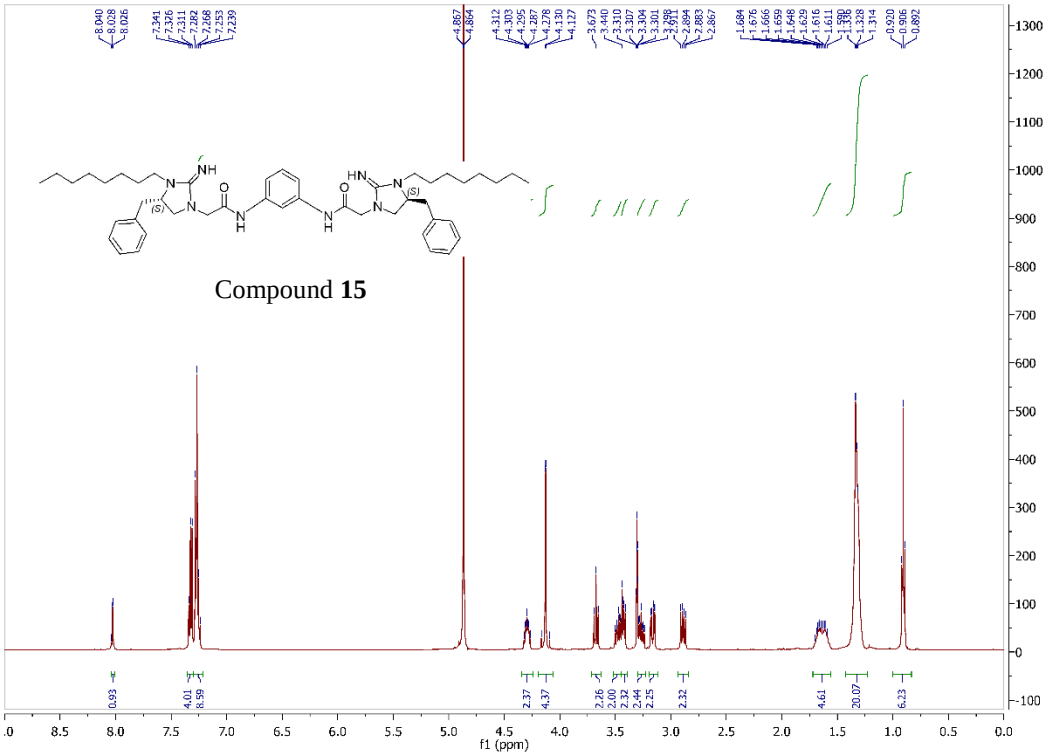
Plot date 2016-12-23



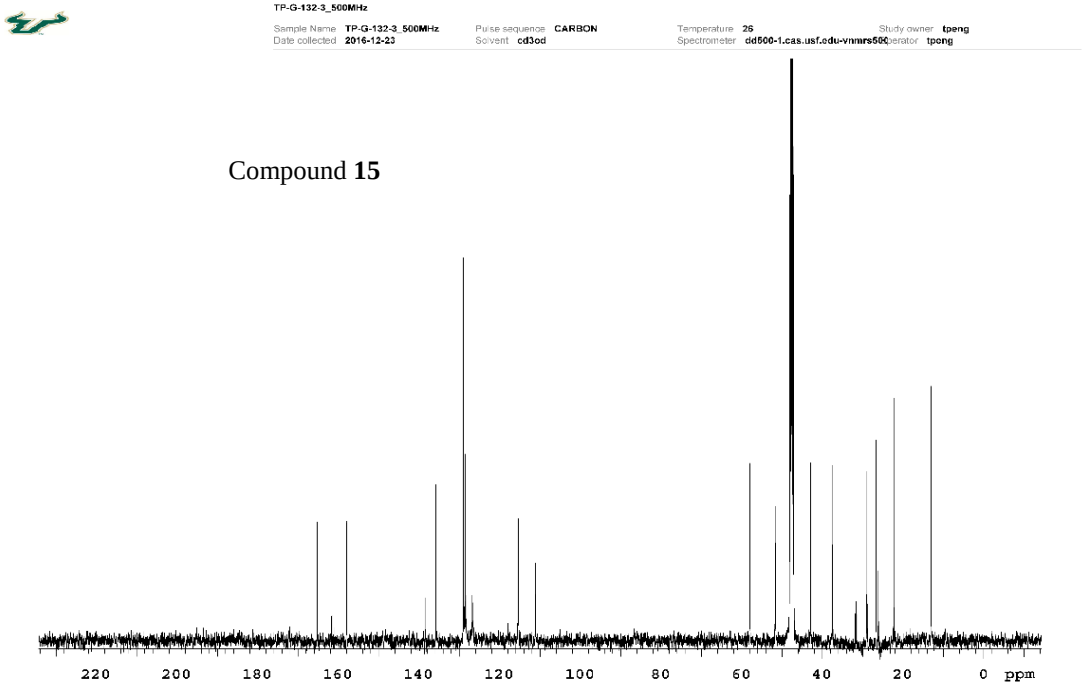
Compound **14**



Compound **14**



Compound **15**



Compound **15**

HPLC analysis of compounds 1–16.

Table S1. HPLC purities[a] and retention time of compounds 1–16.

Compound Name	Purity (based on HPLC) (%)	Retention Time (min)
1	97.68	15.24
2	96.88	17.32
3	98.82	19.51
4	99.82	18.74
5	99.81	26.33
6	98.75	27.56
7	99.32	30.43
8	99.70	31.00
9	97.16	30.25
10	97.52	25.67
11	95.31	26.85
12	96.31	27.15
13	98.55	27.25
14	99.13	31.96
15	99.70	31.00
16	99.82	27.56

[a]The purity of the compounds was determined to be >95% by analytical HPLC (1 mL/min flow, 5% to 100% linear gradient of solvent B (0.1% TFA in acetonitrile) in A (0.1% TFA in water) over 50 min was used).

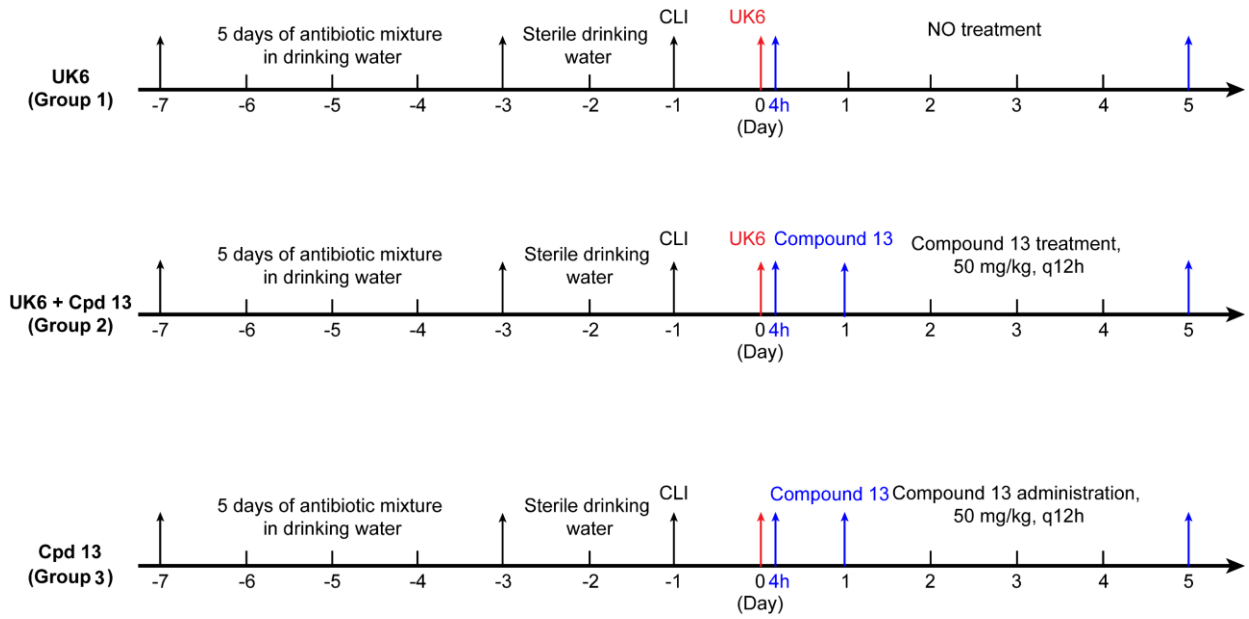


Figure S1. Experimental scheme of pretreatment of mice in a mouse model of *C. difficile* infection.