

## **Supporting Information**

for

## Tenacibactins K–M, cytotoxic siderophores from a coralassociated gliding bacterium of the genus *Tenacibaculum*

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Beilstein J. Org. Chem. 2022, 18, 110–119. doi:10.3762/bjoc.18.12

## Copies of UV, IR, MS/MS, and NMR spectra for compounds 1–3

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Figure S1: UV spectrum of tenacibactin K (1).



Figure S2: IR spectrum of 1.











S8



S9







S12



Figure S12: UV spectrum of tenacibactin L (2).



Figure S13: IR spectrum of 2.









Figure S17: HSQC spectrum of 2 (500 MHz, DMSO- $d_6$ , 25 °C).





Figure S19: MS/MS spectrum of 2.



Scheme S20: Fragmentation pathway for 2.



Figure S21: UV spectrum of tenacibactin M (3).



Figure S22: IR spectrum of 3.









Figure S26: HSQC spectrum of 3 (500 MHz, DMSO- $d_6$ , 25 °C).



Figure S27: HMBC spectrum of 3 (500 MHz, DMSO- $d_6$ , 25 °C).



Figure S28: MS/MS spectrum of 3.



Scheme S29: Fragmentation pathway for 3.