

Supplementary Information

The Nonribosomal Peptide Valinomycin: From Discovery to Bioactivity and Biosynthesis

Shuhui Huang ^{1,†}, Yushi Liu ^{1,†}, Wan-Qiu Liu ¹, Peter Neubauer ^{2,*} and Jian Li ^{1,*}

¹ School of Physical Science and Technology, ShanghaiTech University, Shanghai, 201210, China

² Chair of Bioprocess Engineering, Department of Biotechnology, Technische Universität Berlin, 13355 Berlin, Germany

[†] These authors contributed equally.

* Correspondence: lijian@shanghaitech.edu.cn (J.L); peter.neubauer@tu-berlin.de (P.N.)

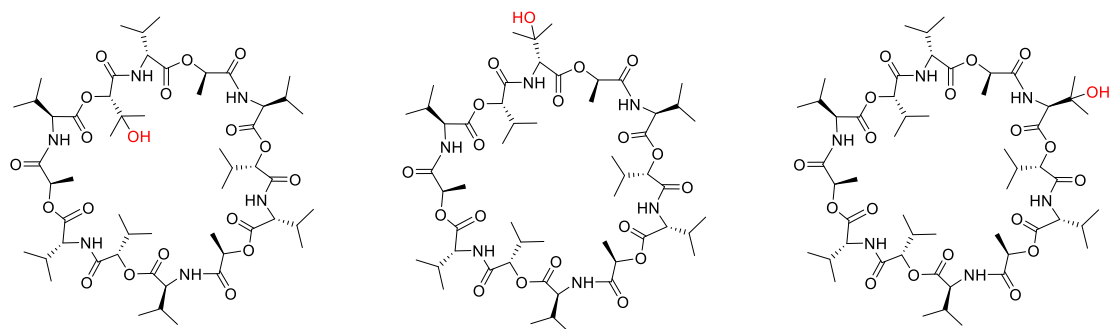


Figure S1. Valinomycin analogs with a hydroxyl group (OH) at the isopropyl side chain of D-Hiv (left), D-Val (middle), and L-Val (right), respectively.

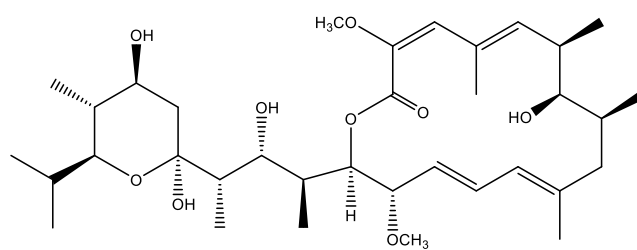


Figure S2. Chemical structure of bafilomycin.