Depsidones from an Endophytic Fungus *Chaetomium* sp. Associated with *Zanthoxylum leprieurii*

Supporting Information

Ferdinand Mouafo Talontsi[a], Clovis Douanla-Meli[b] and Hartmut Laatsch [a]*

[a] Institute of Organic and Biomolecular Chemistry, Georg-August University, Tammannstr. 2, D-37077, Göttingen, Germany

[b] Institute of Biology, University of Kassel, Heinrich-Plett-Strasse 40, D-34132 Kassel, Germany

*Correspondence

Prof. Dr. Hartmut Laatsch

Institute for Organic and Biomolecular Chemistry

University of Göttingen,Tammannstrasse 2, D-37077 Göttingen, Germany

Tel. +49/551/3933211, Fax +49/551/399660

E-mail: hlaatsc@gwdg.de

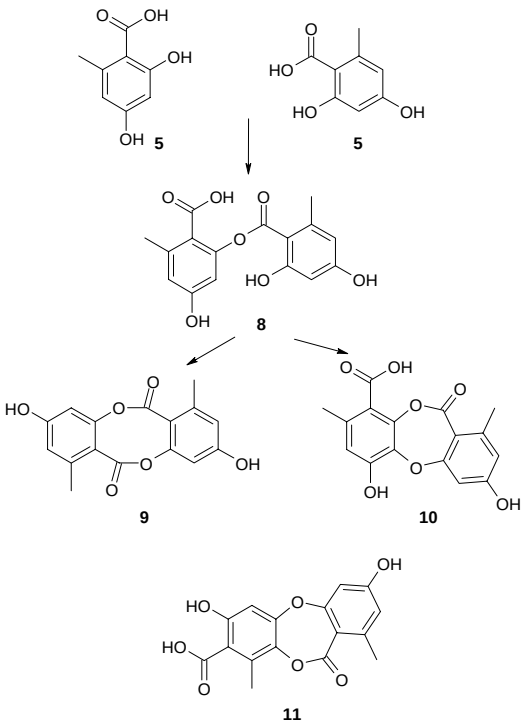

Fig. S1. Formation of depsidones by dimerization of orsellinic acid (**5**) *via* esterification at OH-2 and subsequent bislactone formation or oxidative biaryl ether formation. The isomers **9** and **10** can be distinguished from **1** easily by HMBC correlations of the methyl group in rings A, and by shift values.

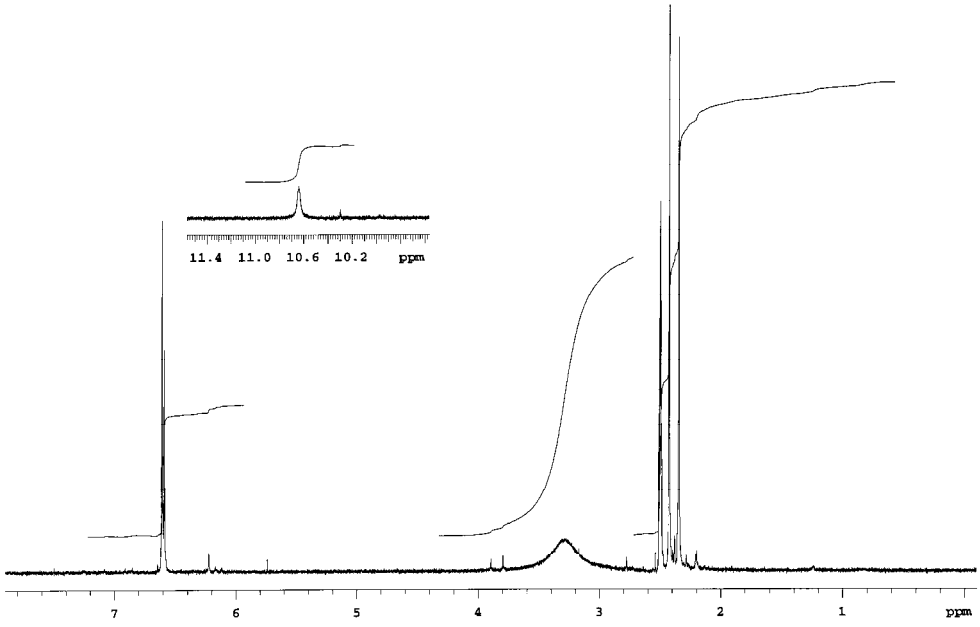

Fig. S2. ^{1}H NMR spectrum ([D_6]DMSO, 300 MHz) of chaetosidone A (**1**).

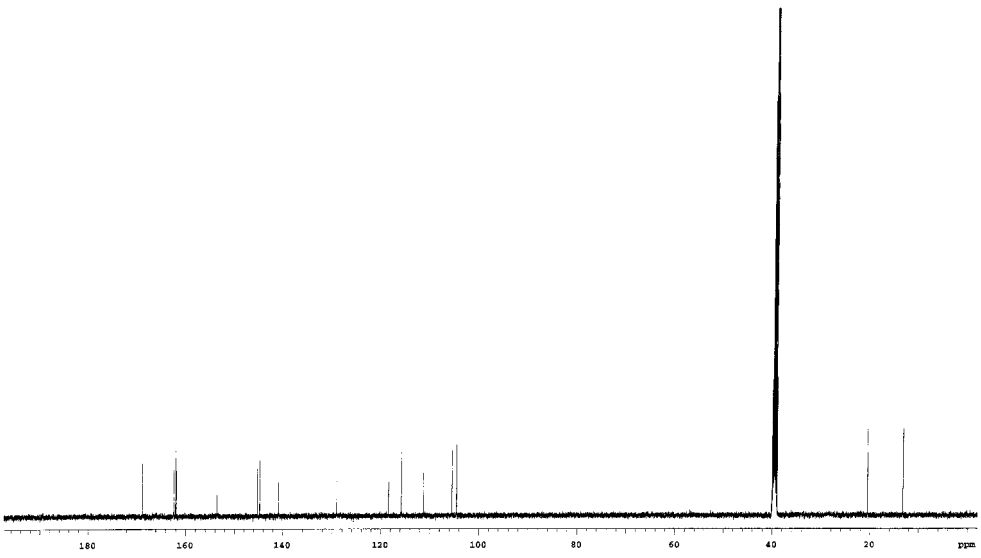

Fig. S3. ^{13}C NMR spectrum ([D_6]DMSO, 125 MHz) of chaetosidone A (**1**).

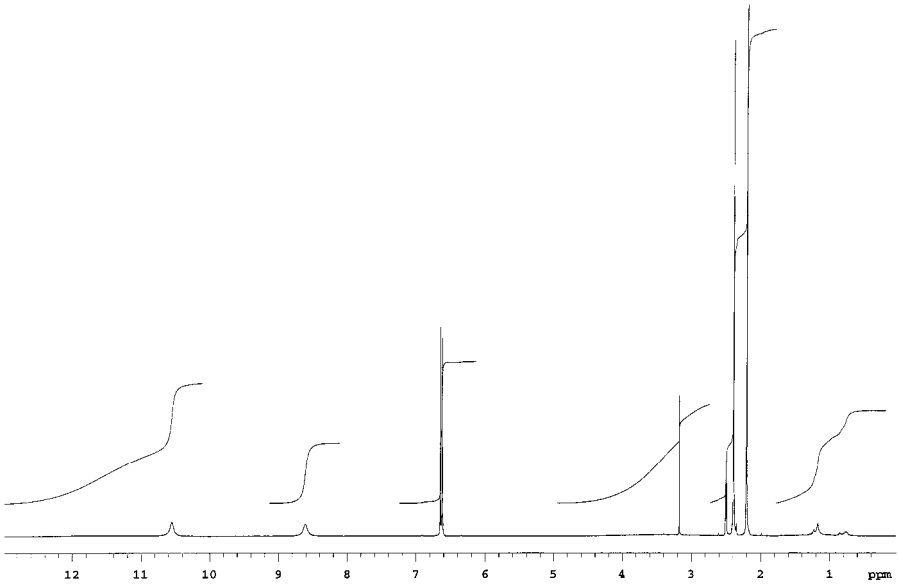

Fig. S4. ^{1}H NMR spectrum ([D_6]DMSO, 300 MHz) of corynesidone B (**2**).

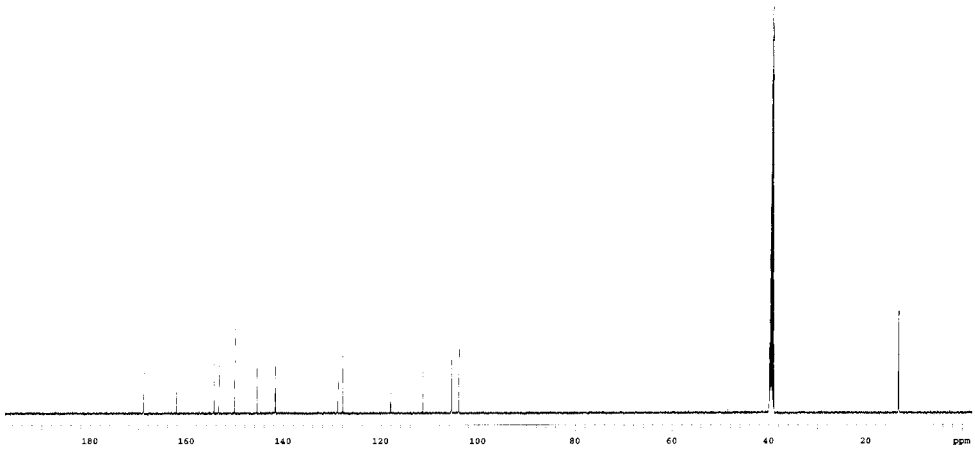

Fig. S5. ^{13}C NMR spectrum ([D_6]DMSO, 125 MHz) for corynesidone B (**2**).