

Supporting Information
for
Herpetopanone, a diterpene from *Herpetosiphon*
***aurantiacus* discovered by isotope labeling**

Xinli Pan^{1,2}, Nicole Domin², Sebastian Schieferdecker², Hirokazu Kage¹, Martin Roth²
and Markus Nett^{*1}

Address: ¹Department of Biochemical and Chemical Engineering, Technical Biology,
Technical University Dortmund, Emil-Figge-Strasse 66, 44227 Dortmund, Germany
and ²Leibniz Institute for Natural Product Research and Infection Biology, Hans Knöll
Institute, Beutenbergstr. 11a, 07745 Jena, Germany

Email: Markus Nett* - markus.nett@bci.tu-dortmund.de

*Corresponding author

IR and NMR spectra of herpetopanone. Metabolic profile of
***H. aurantiacus* 114-95^T**

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Figure S1: Infrared spectrum of herpetopanone.

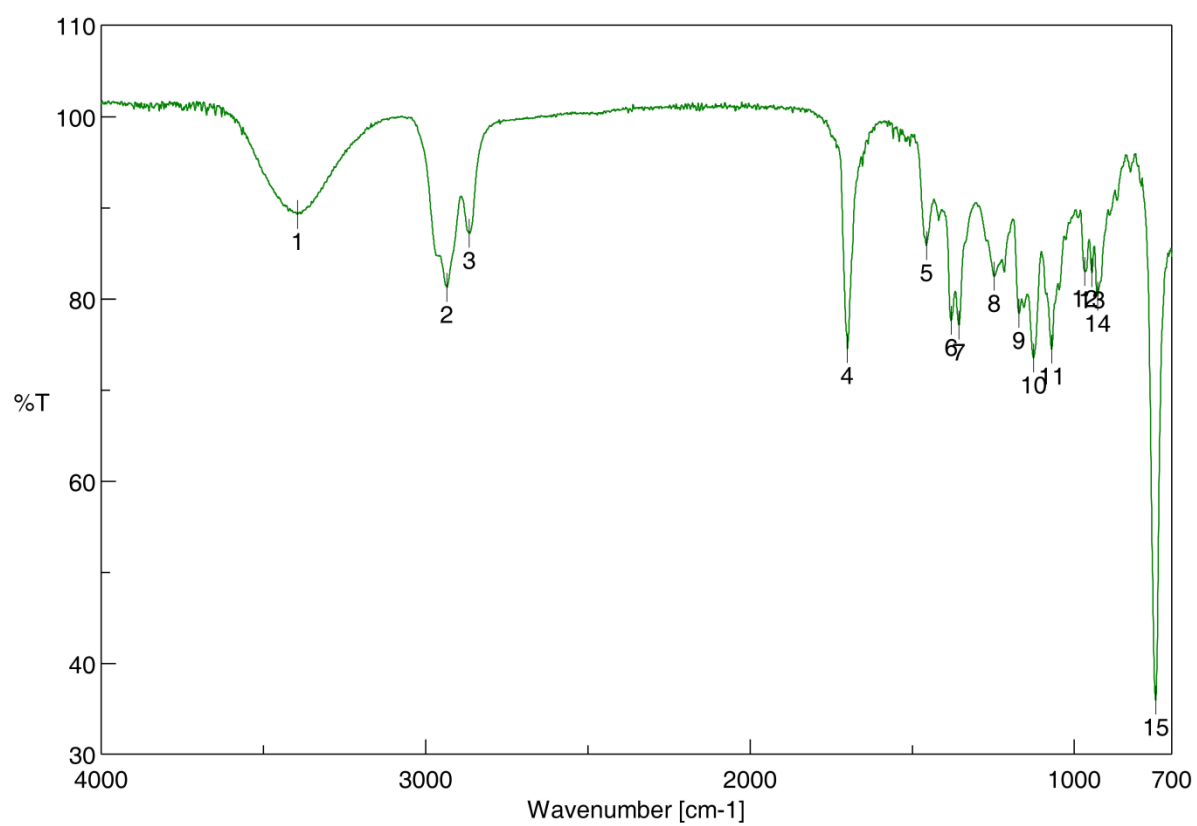


Figure S2: ^1H NMR spectrum of herpetopanone in chloroform- d_1 .

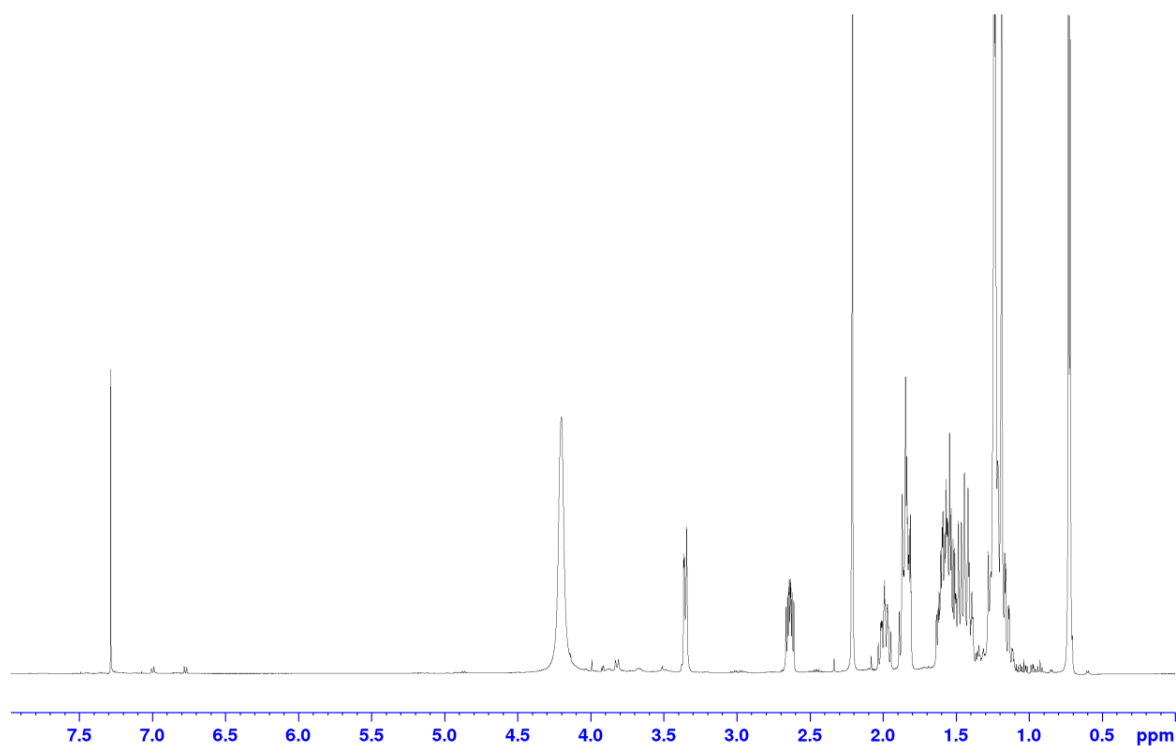


Figure S3: ^1H -decoupled ^{13}C NMR spectrum of herpetopanone in chloroform- d_1 .

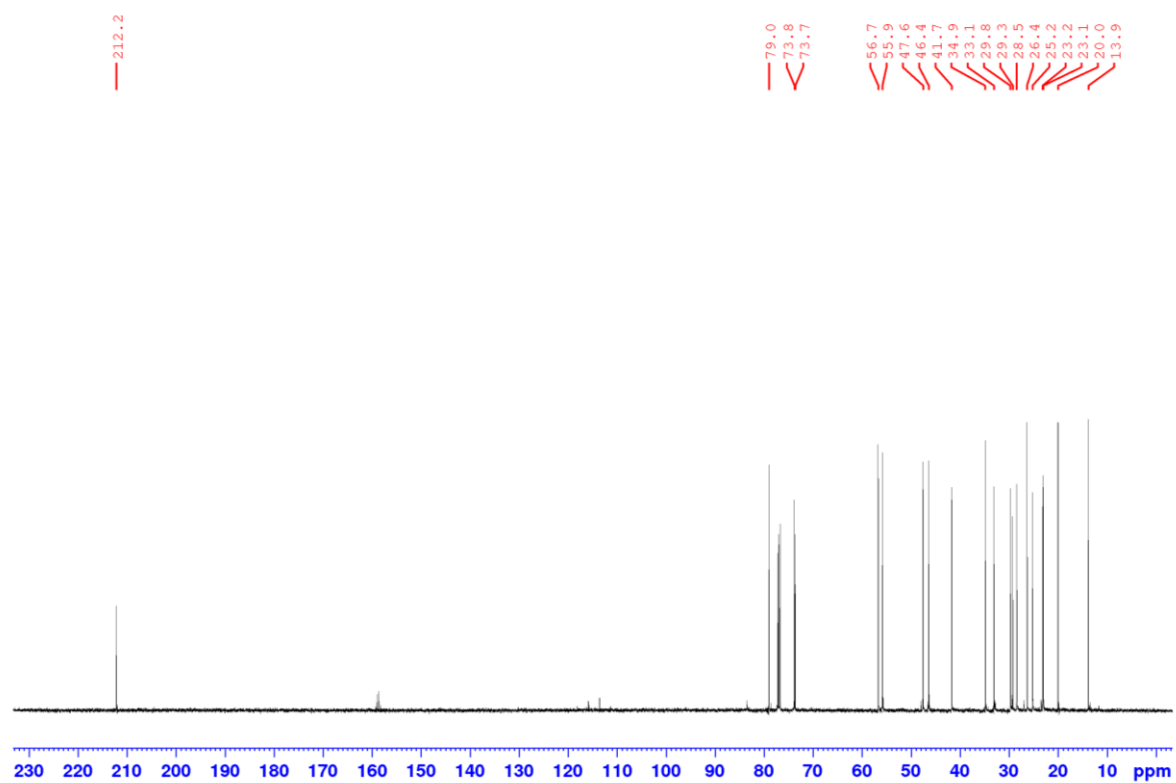


Figure S4: DEPT135 spectrum of herpetopanone in chloroform- d_1 .

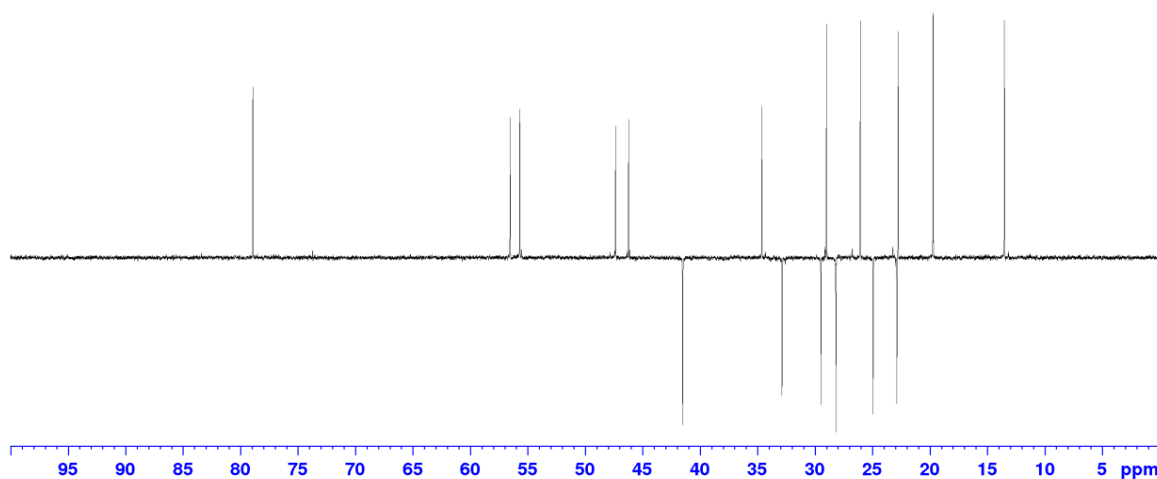


Figure S5: COSY spectrum of herpetopanone in chloroform- d_1 .

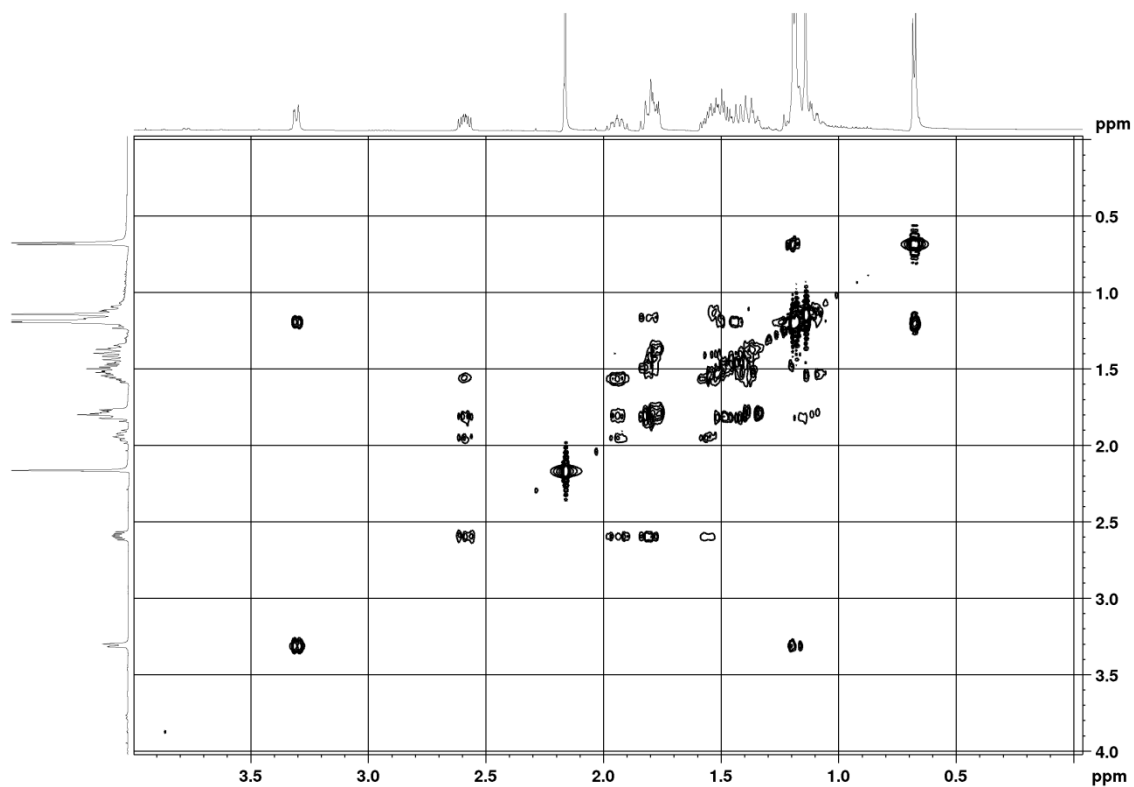


Figure S6: HSQC spectrum of herpetopanone in chloroform- d_1 .

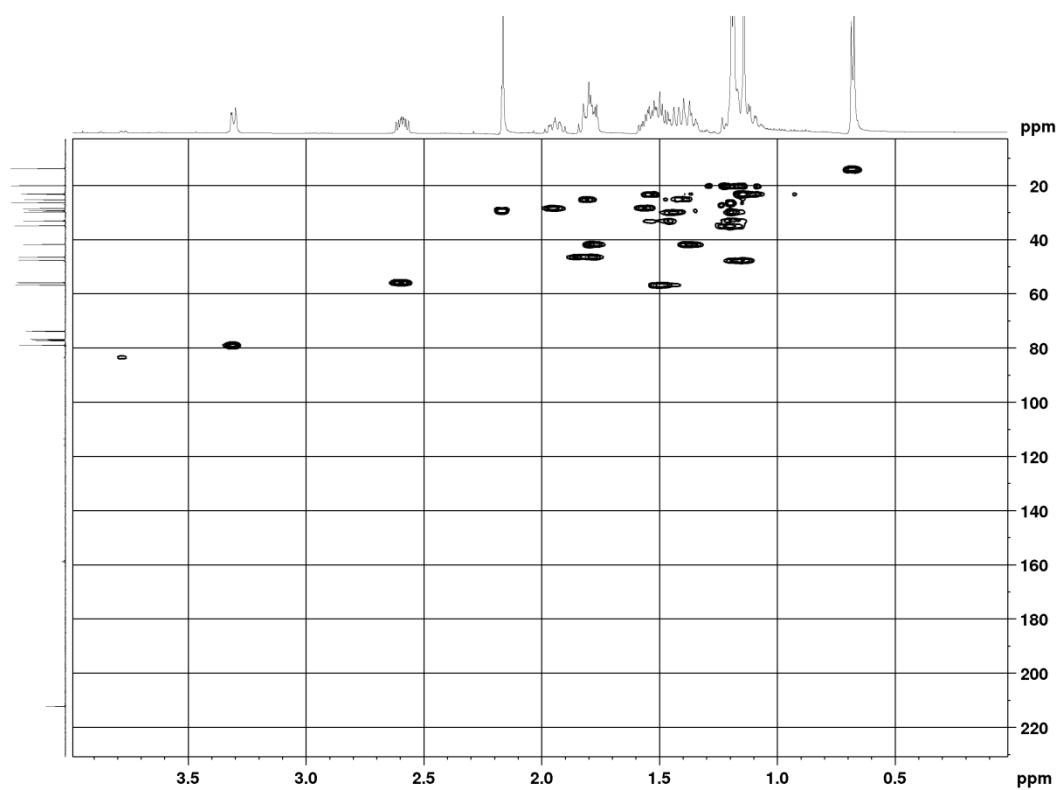


Figure S7: HMBC spectrum of herpetopanone in chloroform- d_1 .

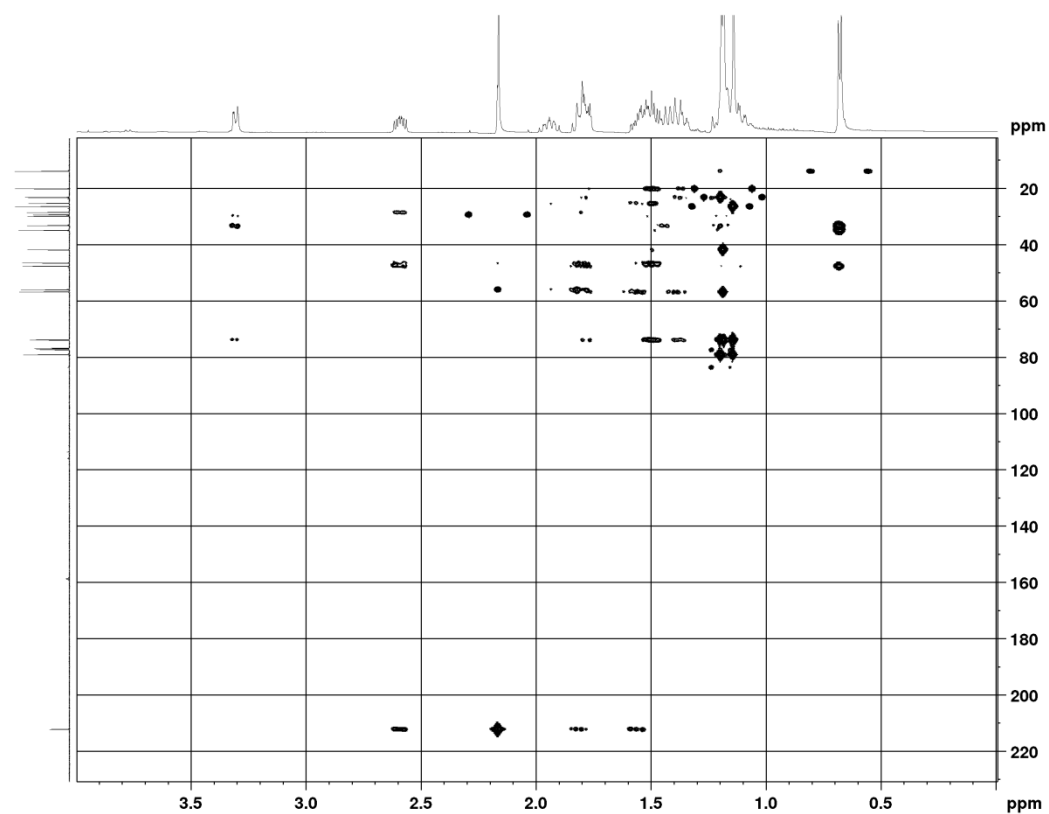


Figure S8: NOESY spectrum of herpetopanone in chloroform- d_1 .

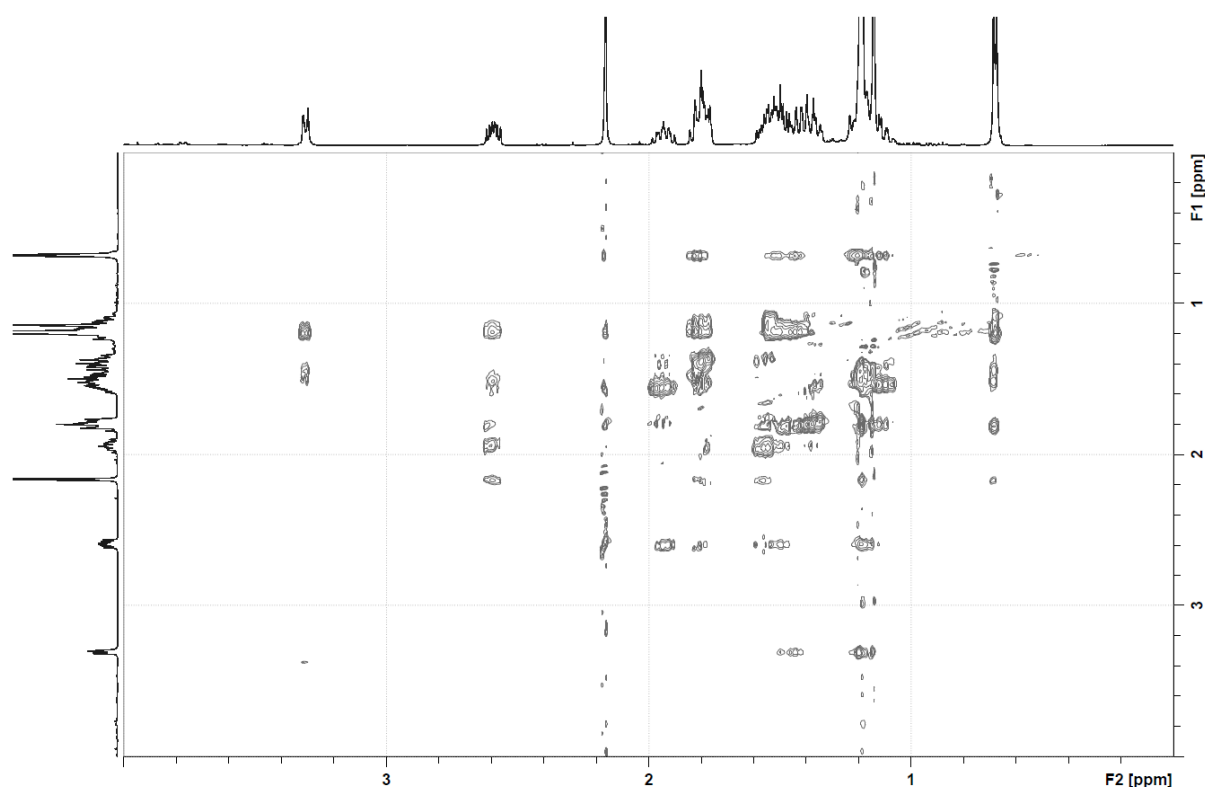


Figure S9: Metabolic profile of *H. aurantiacus* 114-95^T after cultivation in modified VNY medium supplemented with non-labeled D-glucose. Top: Total ion chromatogram (TIC) recorded in positive ion mode. Middle: TIC recorded in negative ion mode. Bottom: UV chromatogram recorded at 254 nm.

