

Supplementary Materials

Terretonin N: a New Meroterpenoid from *Nocardiopsis* sp.

Abdelaaty Hamed^{1,2}, Ahmed S. Abdel-Razek^{1,3}, Marcel Frese¹, Hans Georg Stammler⁴, Atef F. El-Haddad², Tarek M. A. Ibrahim², Norbert Sewald^{1*}, and Mohamed Shaaban^{1,5*}

¹ Organic and Bioorganic Chemistry, Faculty of Chemistry, Bielefeld University, D-33501 Bielefeld, Germany; abdohamed481@yahoo.com, ahmedshukri_sci@yahoo.com, marcel.frese@uni-bielefeld.de, norbert.sewald@uni-bielefeld.de, mshaaba@gmail.com

² Chemistry Department, Faculty of Science, Al-Azhar University, Nasr City-Cairo 11884, Egypt; abdohamed481@yahoo.com, tarekmostafaahmedibrahim@yahoo.com, atefel_haddad@yahoo.com

³ Microbial Chemistry Department, Division of Genetic Engineering and Biotechnology Research, National Research Centre, El-Buhouth St. 33, Dokki-Cairo 12622, Egypt; ahmedshukri_sci@yahoo.com

⁴ Inorganic and Structural Chemistry, Bielefeld University, Department of Chemistry, D-33501 Bielefeld, Germany; georg.stammler@uni-bielefeld.de

⁵ Chemistry of Natural Compounds Department, Division of Pharmaceutical Industries, National Research Centre, El-Buhouth St. 33, Dokki-Cairo 12622, Egypt; mshaaba@gmail.com

* Correspondence:

norbert.sewald@uni-bielefeld.de; Tel.: +49-(0)521-106 2051

mshaaba@gmail.com; Tel: +202-2701728-1550

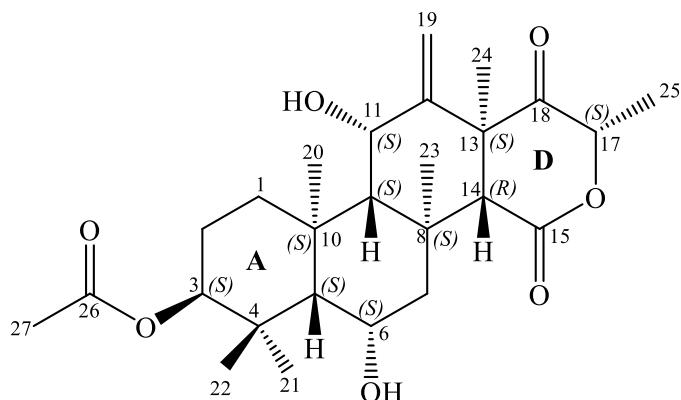


Figure S1. Structure of terretonin N (**1**)

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Figure S2: A comparison between the producing actinobacteria *Nocardiopsis* sp in a) Petri-dish for the original culture, and b) large scale fermented one, indicating their high identity (Chalky appearance whitish grey mycelia)

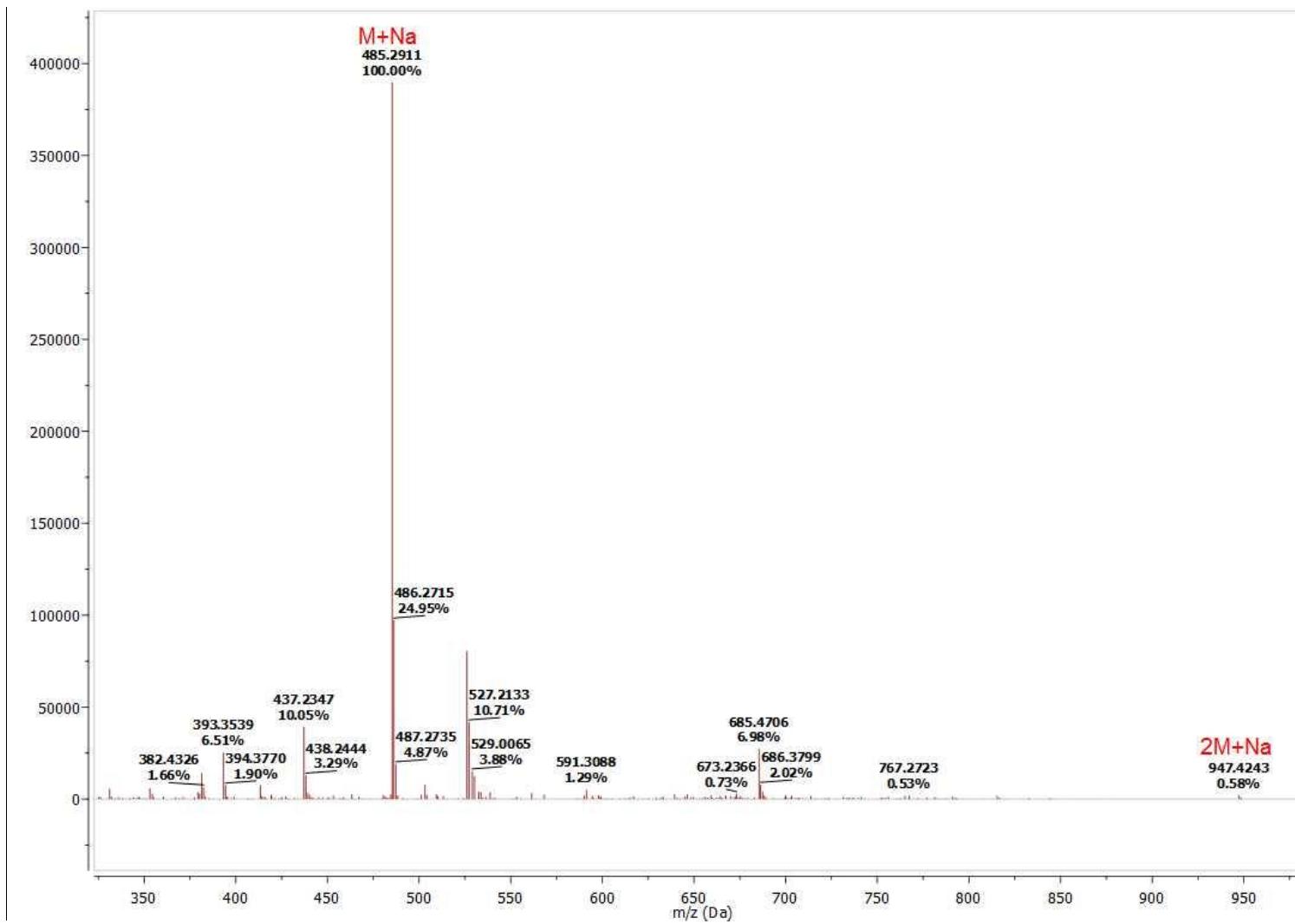


Figure S3: (+)-ESIMS of terretonin N (**1**)

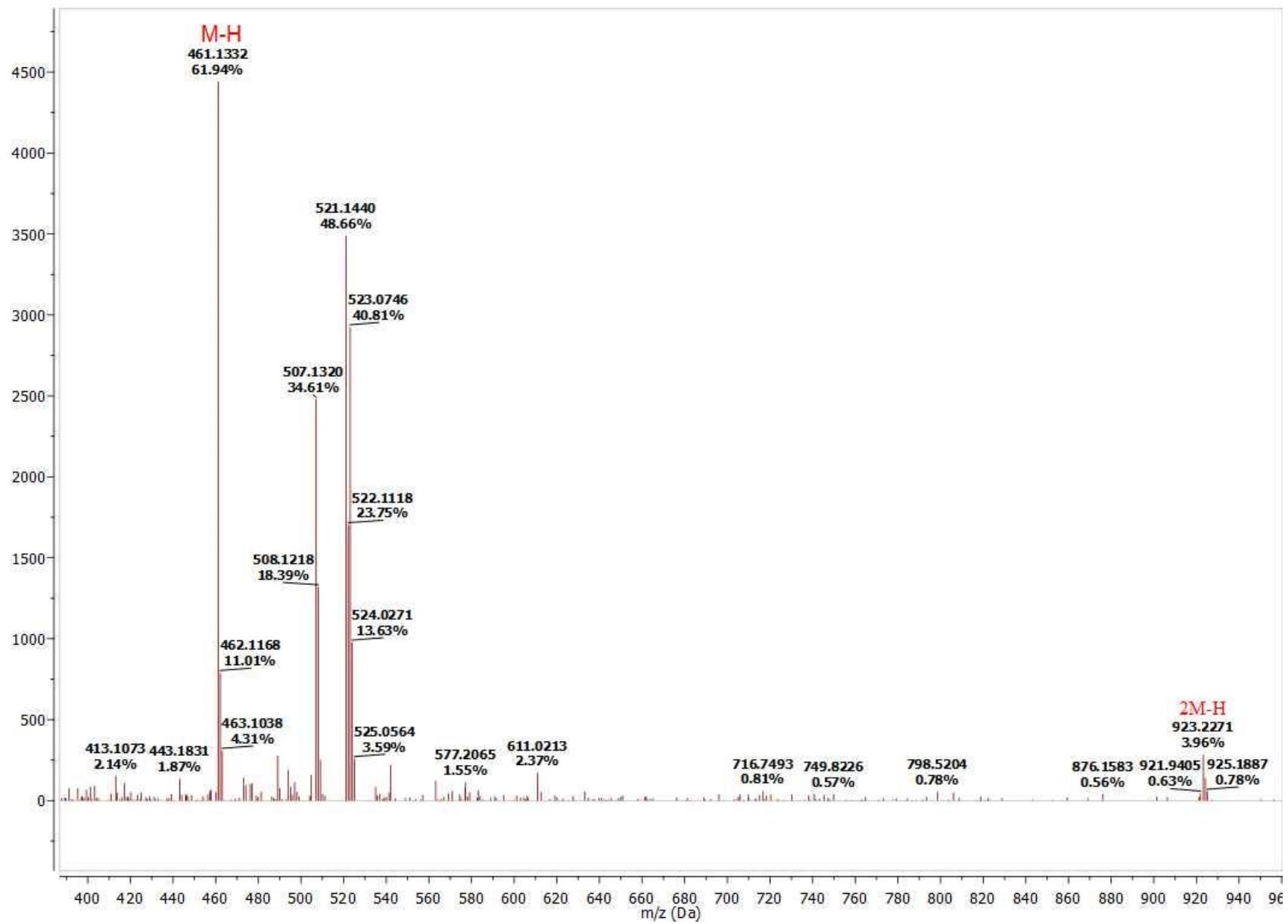


Figure S4: (-)-ESIMS of terretonin N (1)

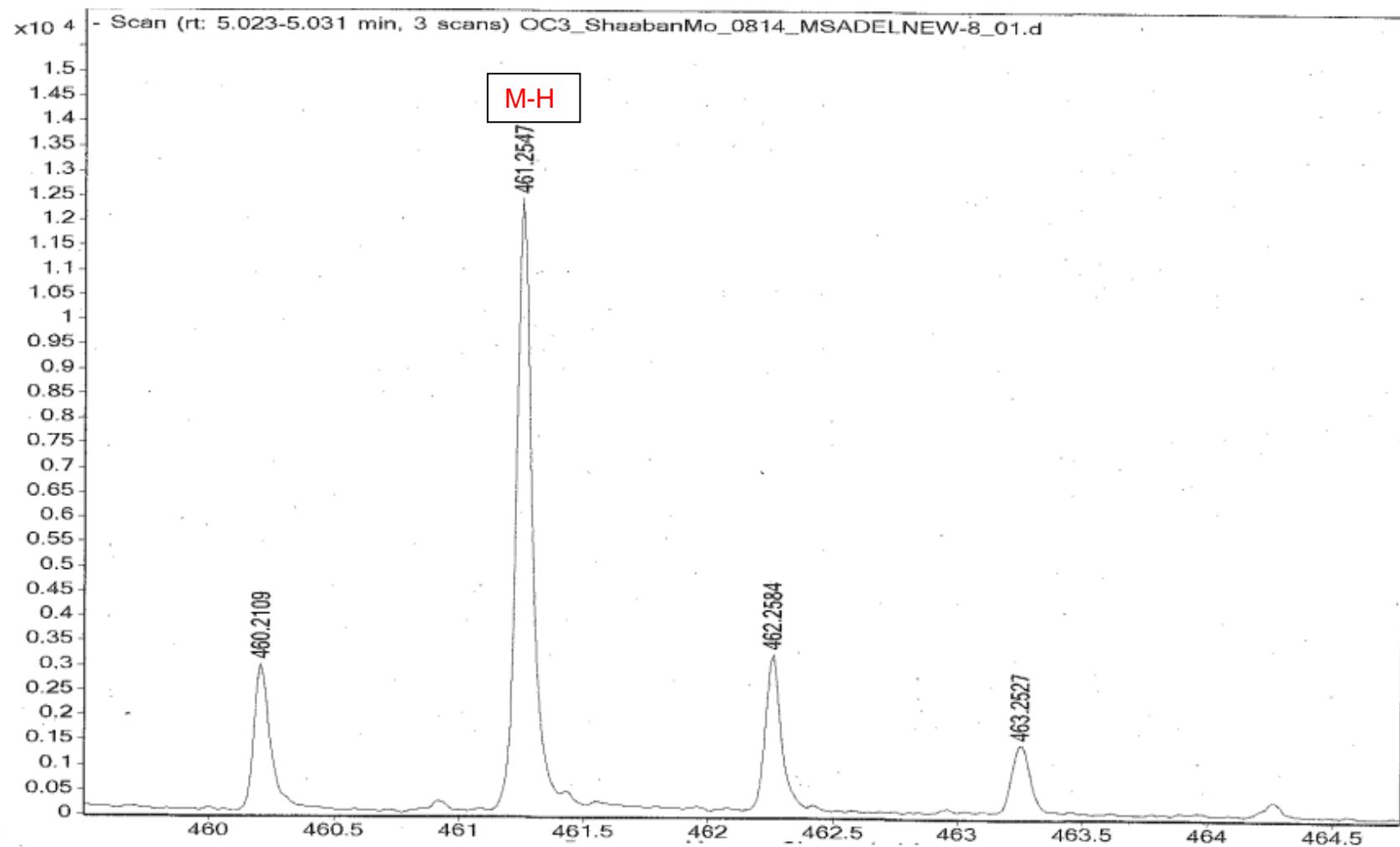


Figure S5: HR-ESI MS of terretonin N (**1**)

OC3_ShaabanMo_0628_MSADELNEW-8.10.fid
Mo. Shaaban, OC3, MSADELNEW-8
PROTON CDCl₃ {C:\Bruker\TopSpin3.0} Service 34

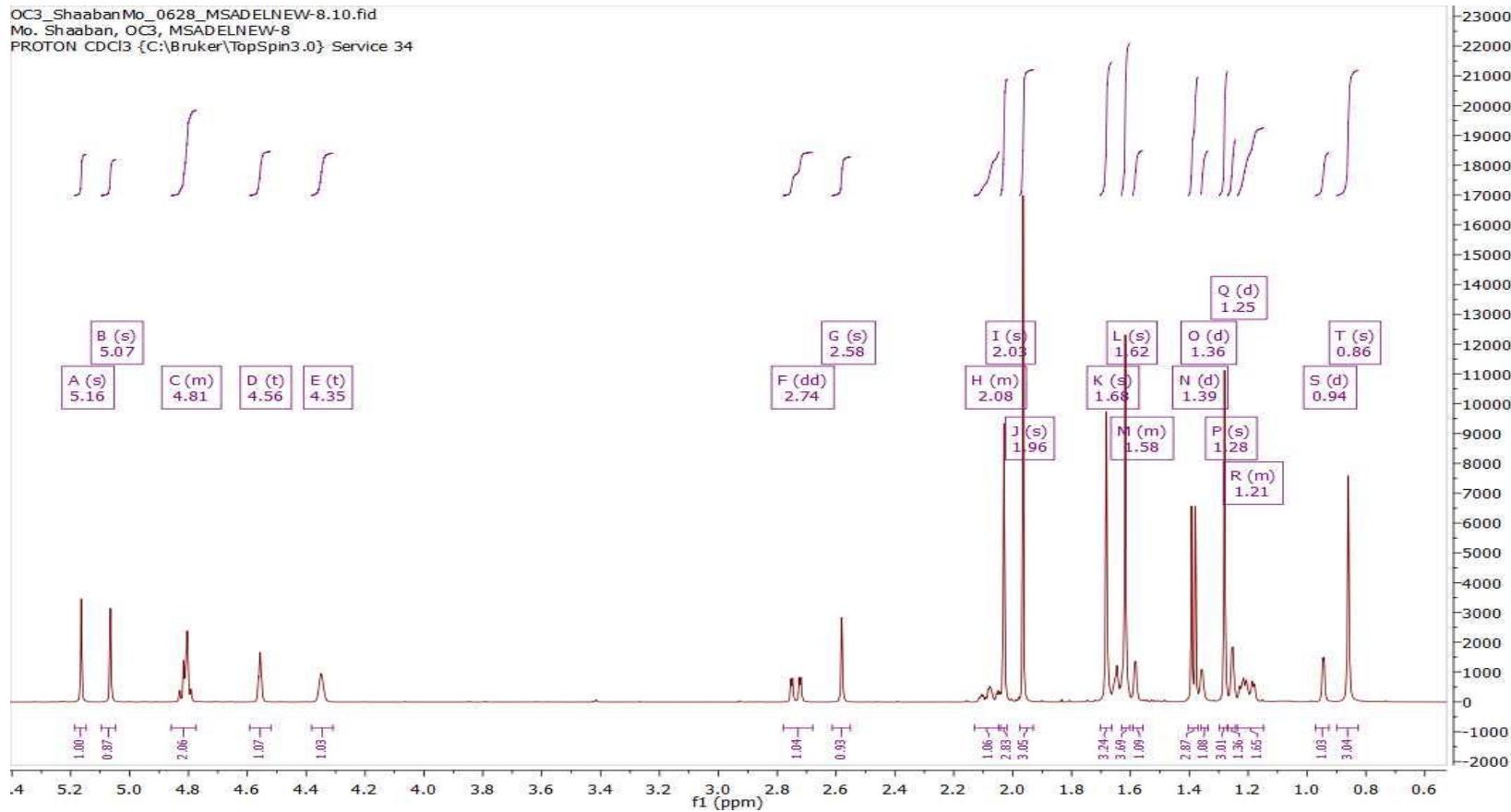


Figure S6: ¹H NMR spectrum (CDCl₃, 500 MHz) of terretonin N (**1**)

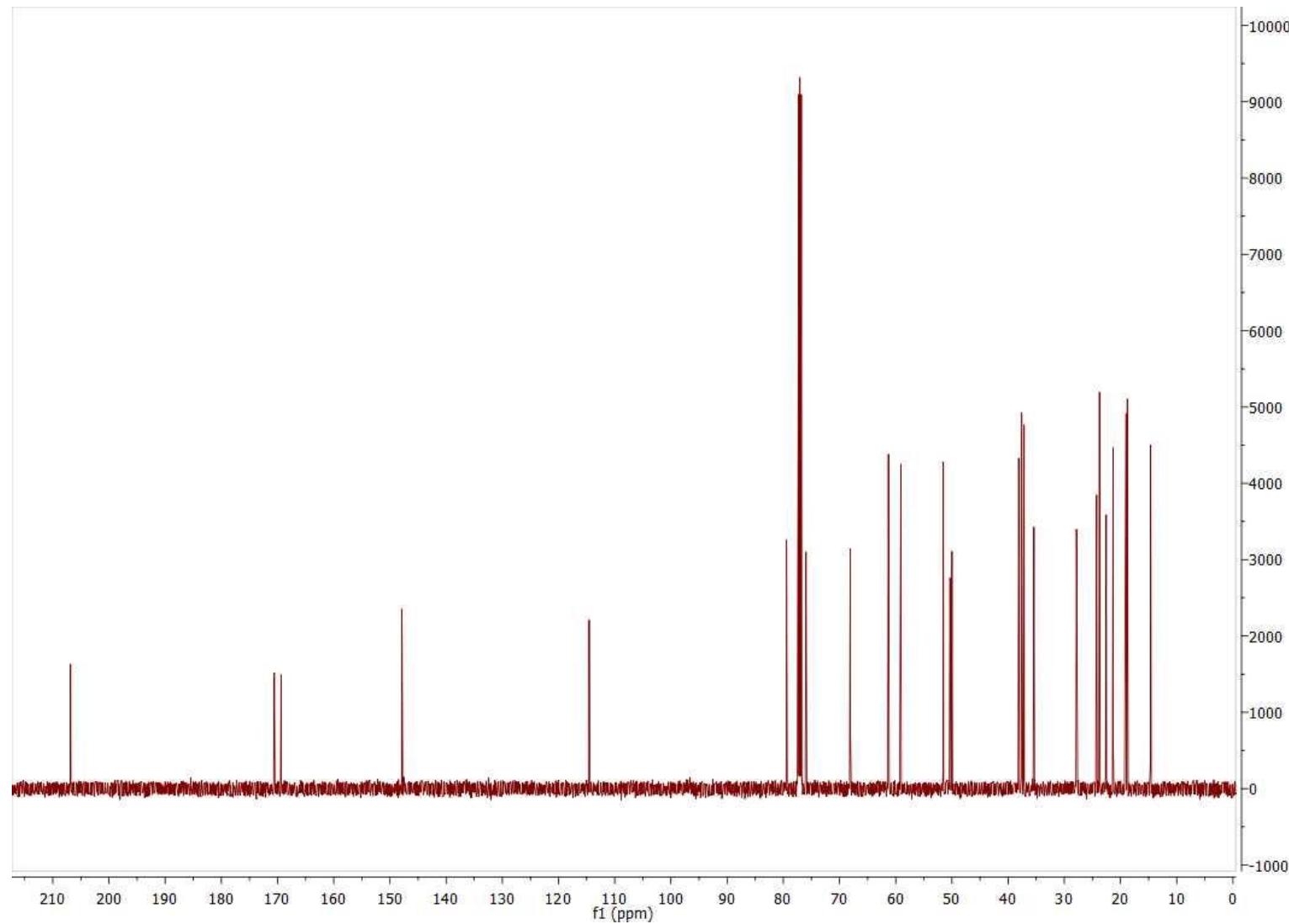


Figure S7: ^{13}C NMR spectrum (CDCl_3 , 125MHz) of terretonin N (**1**)

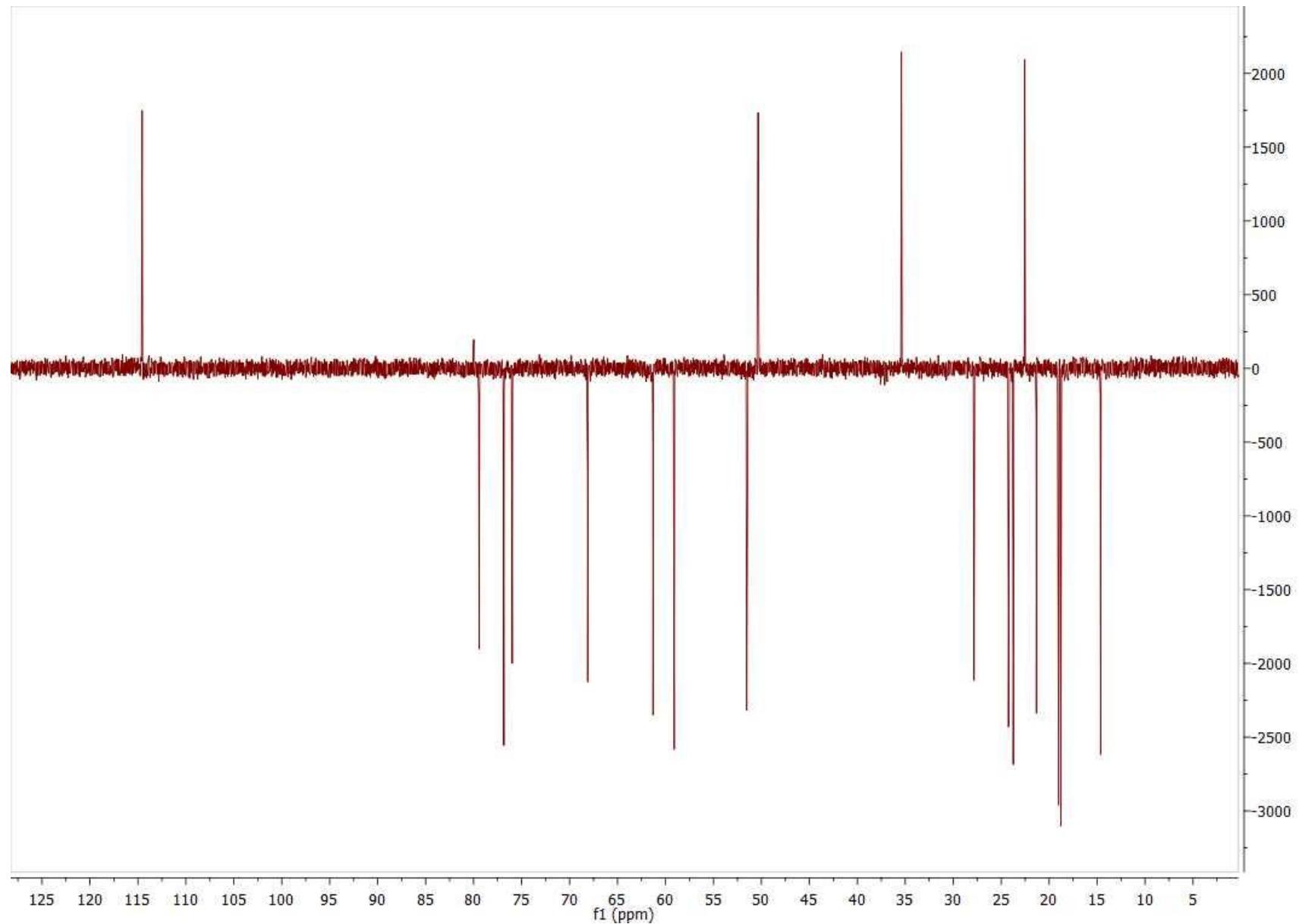


Figure S8: DEPT spectrum (CDCl_3 , 125 MHz) of terretonin N (**1**)

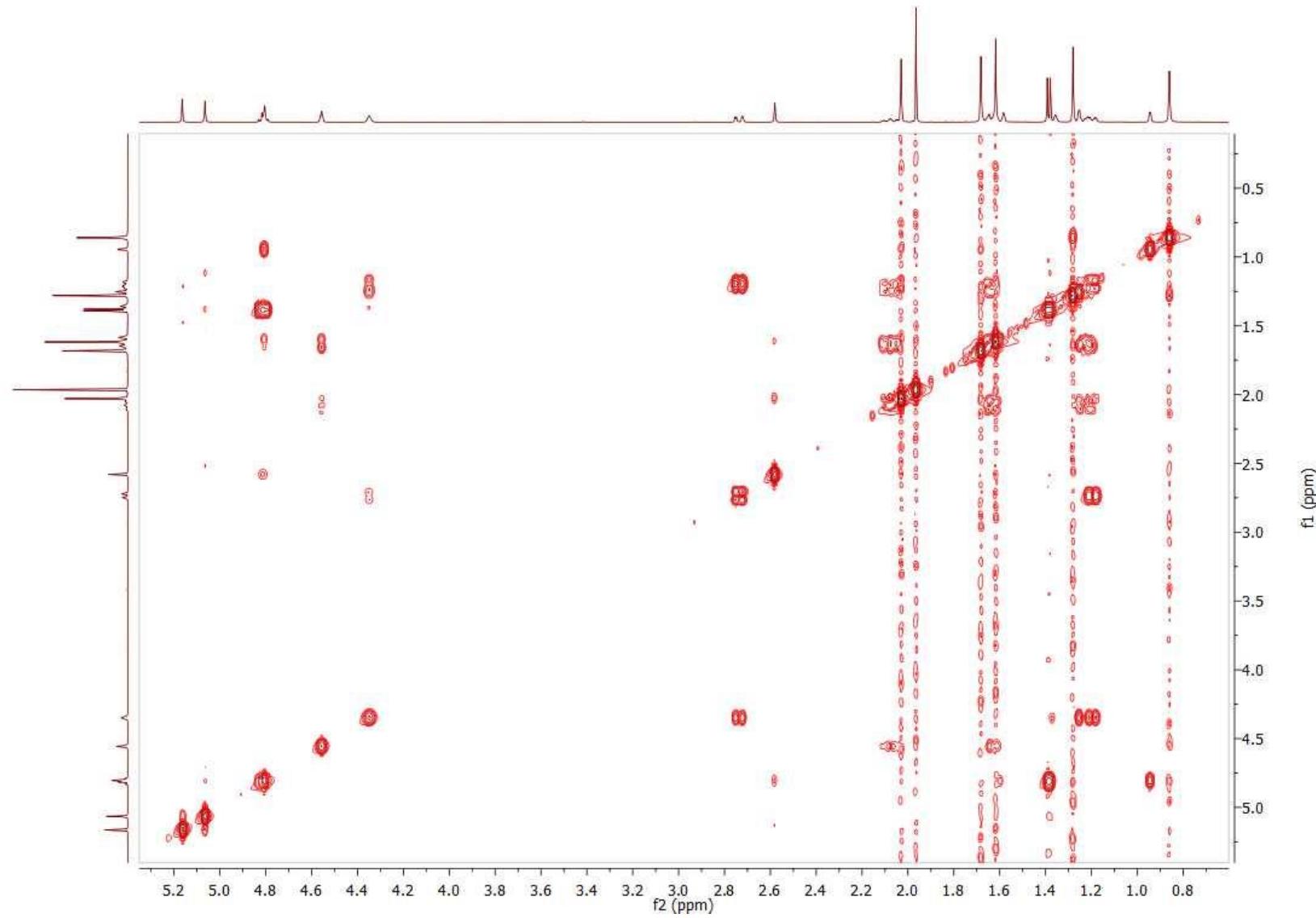


Figure S9: H,H-COSY spectrum (CDCl_3 , 500 MHz) of terretonin N (**1**)

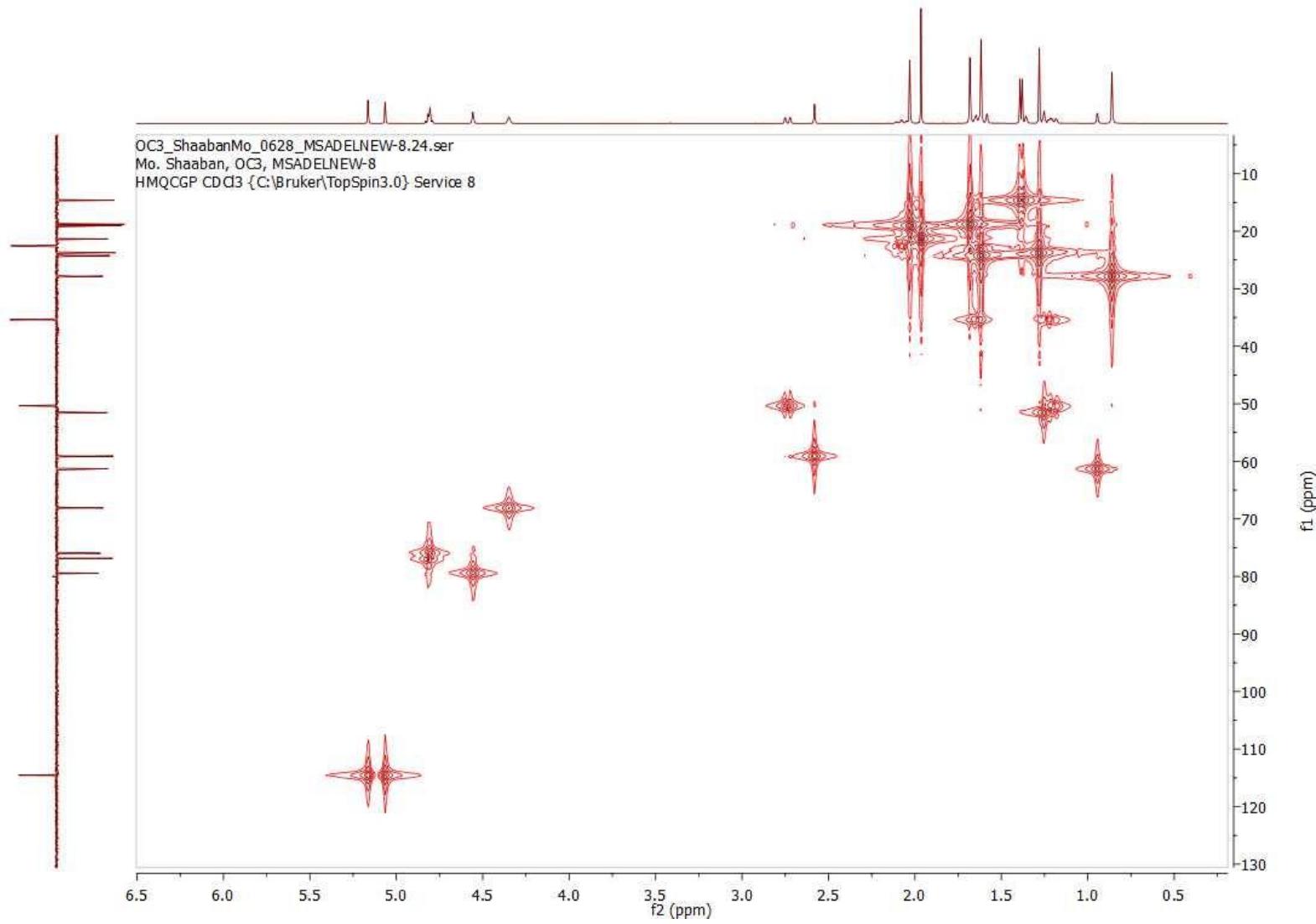


Figure S10: HMQC spectrum (CDCl₃, 500 MHz) of terretonin N (**1**)

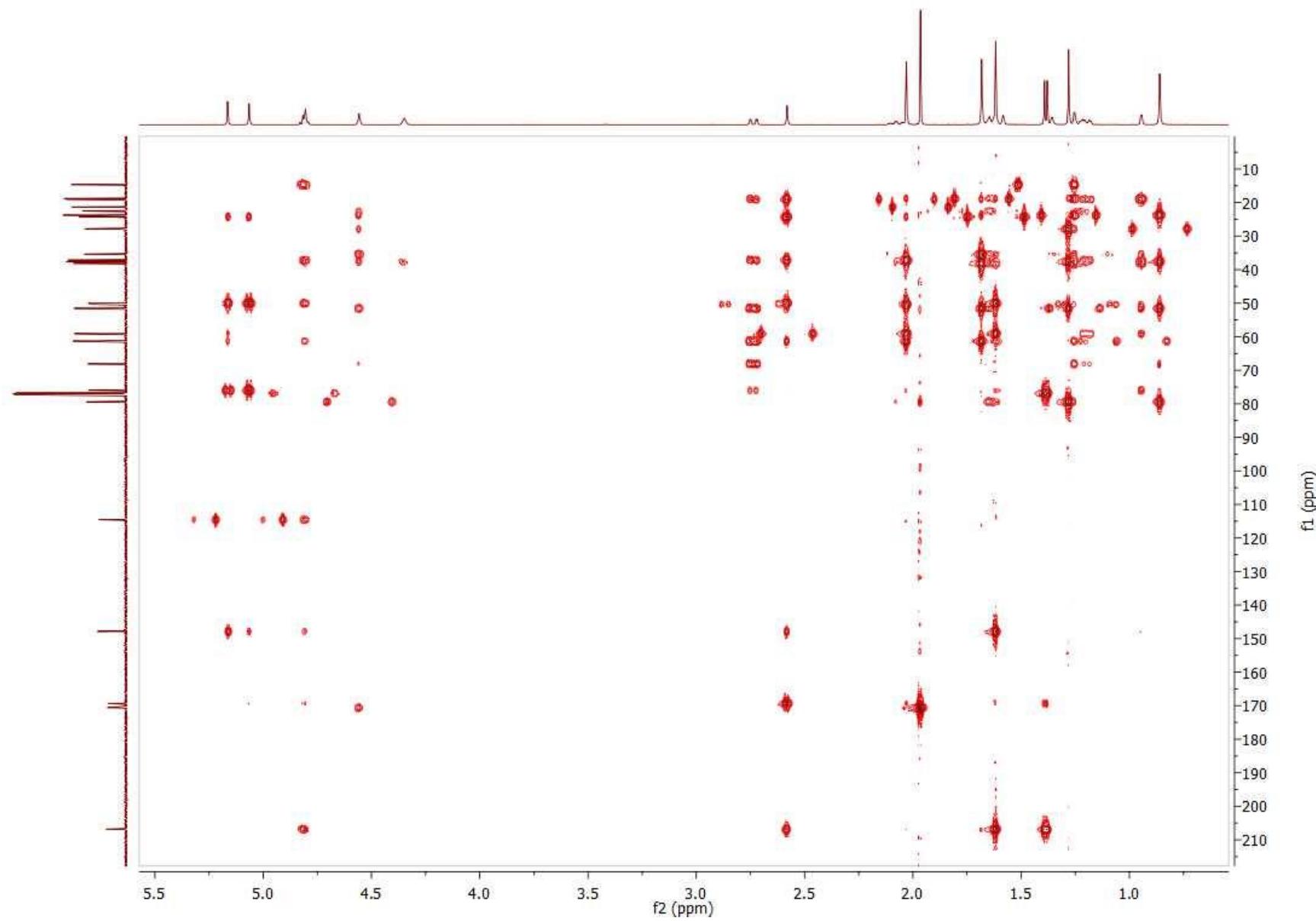


Figure S11: HMBC spectrum (CDCl_3 , 500 MHz) of terretonin N (**1**)

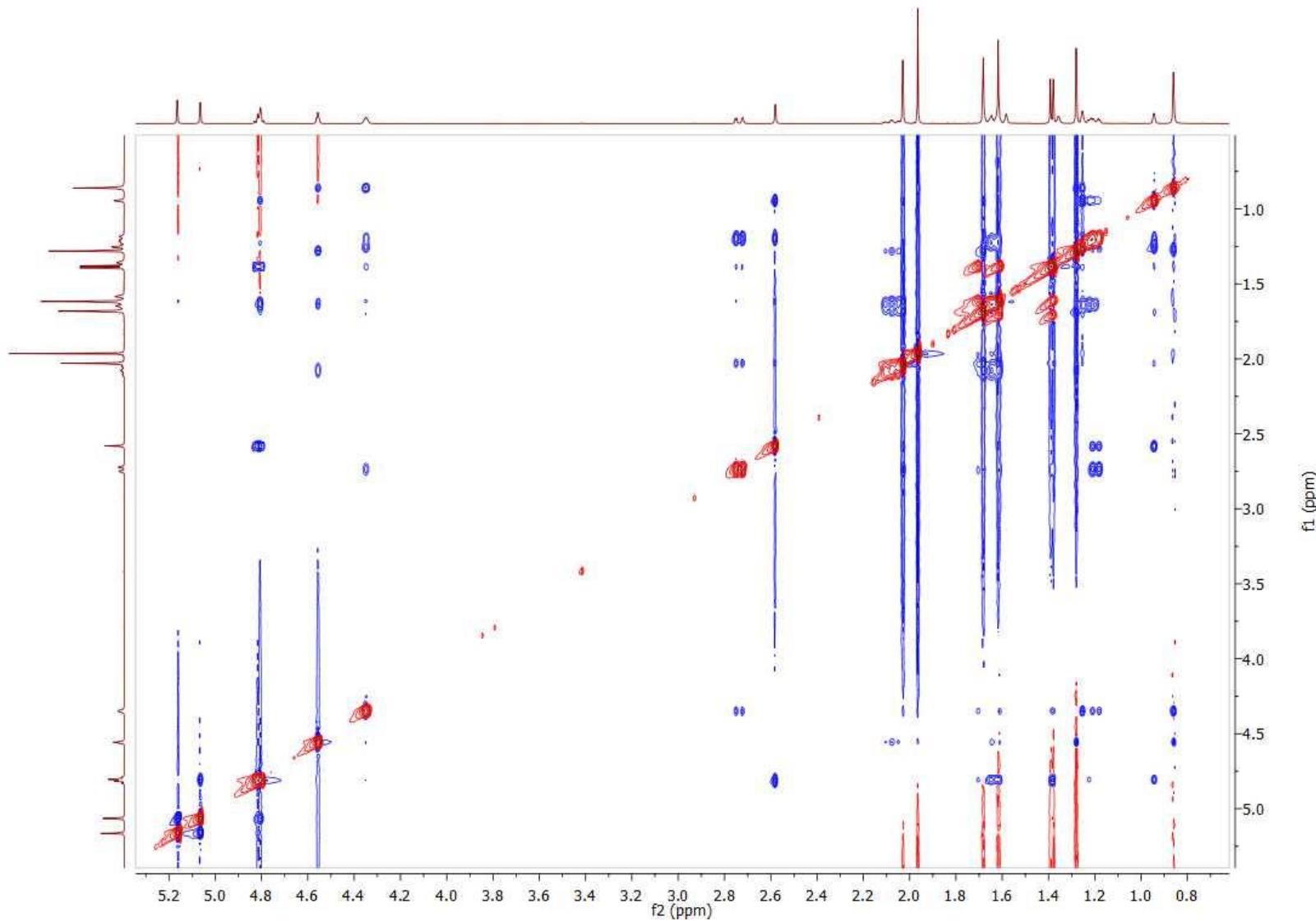


Figure S12: NOESY spectrum (CDCl_3 , 500 MHz) of terretonin N (**1**)