

Isolation and Purification of an Antibiotic Polyketide JBIR-99 from the Marine Fungus *Meyerozyma guilliermondii* by High-Speed Counter-Current Chromatography

Hankui Wu^{1,2,*}, Jianmin Liu¹, Ninghui Duan², Ru Han², Xinxin Zhang², Xiaoyu Leng², Wenjie Liu¹, Liwen Han³, Xiaobin Li^{3,*}, Shu Xing¹, Yongchun Zhang¹ and Mingyang Zhou^{1,*}

¹ School of Chemistry and Pharmaceutical Engineering, Qilu University of Technology (Shandong Academy of Sciences), Jinan 250353; China; ljm19313@163.com (J.L.); 13589559197@163.com (W.L.); shuxingcareer@hotmail.com (S.X.); zhangyile_2001@163.com (Y. Z.)

² School of Chemistry and Chemical Engineering, Anyang Normal University, Anyang 455000, China; duanninghui222@126.com (N. D.); hanyoucandoit@163.com (R. H.); zxx15837268203@163.com (X.Z.); lengxiaoyu66@126.com (X. L.)

³ Biology Institute, Qilu University of Technology (Shandong Academy of Sciences), Jinan 250014, China, hanliwen08@126.com (L. H.)

* Correspondence: wuhankui222@126.com (H.W.); bin85666666@163.com (X.L.); myzhou@qlu.edu.cn

Supplementary Information

Figure S1. ¹H NMR (400 MHz, acetone-*d*₆) spectrum of compound **1**.

Figure S2. ¹³C NMR (400 MHz, acetone-*d*₆) spectrum of compound **1**.

Figure S3. DEPT (acetone-*d*₆) spectrum of compound **1**.

Figure S4. ¹H-¹H COSY (400 MHz, acetone-*d*₆) spectrum of compound **1**.

Figure S5. HSQC(400 MHz, acetone-*d*₆) spectrum of compound **1**.

Figure S6. HMBC (acetone-*d*₆) spectrum of compound **1**.

Figure S7. HRESIMS spectrum of compound **1**.

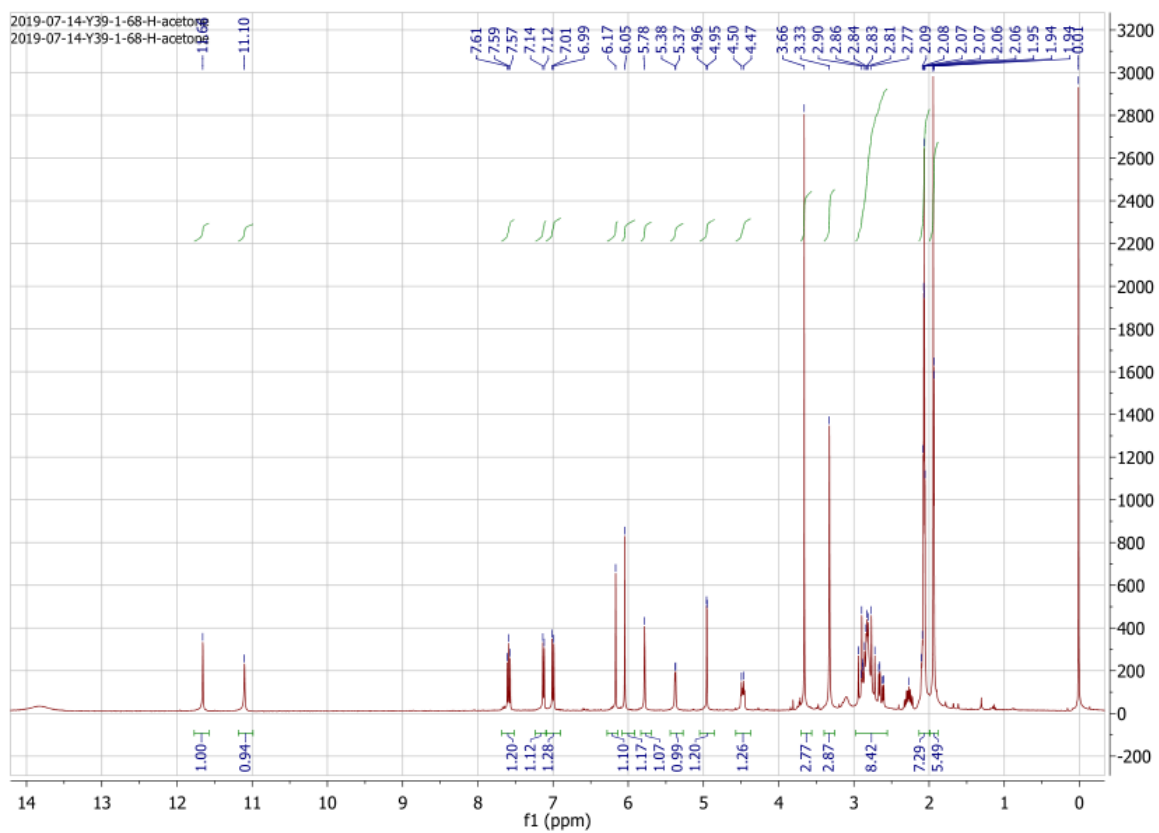


Figure S1. ^1H NMR (400 MHz, acetone- d_6) spectrum of compound **1**.

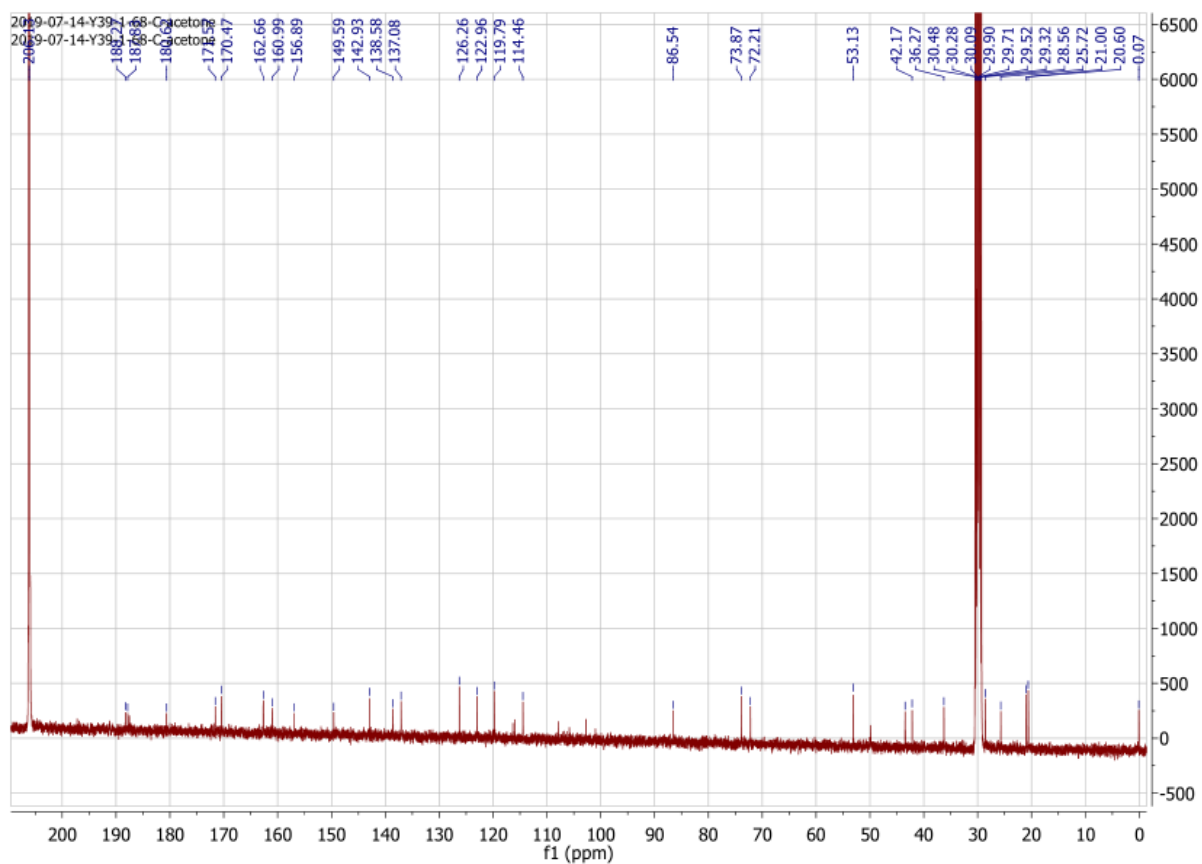


Figure S2. ^{13}C NMR (400 MHz, acetone- d_6) spectrum of compound **1**.

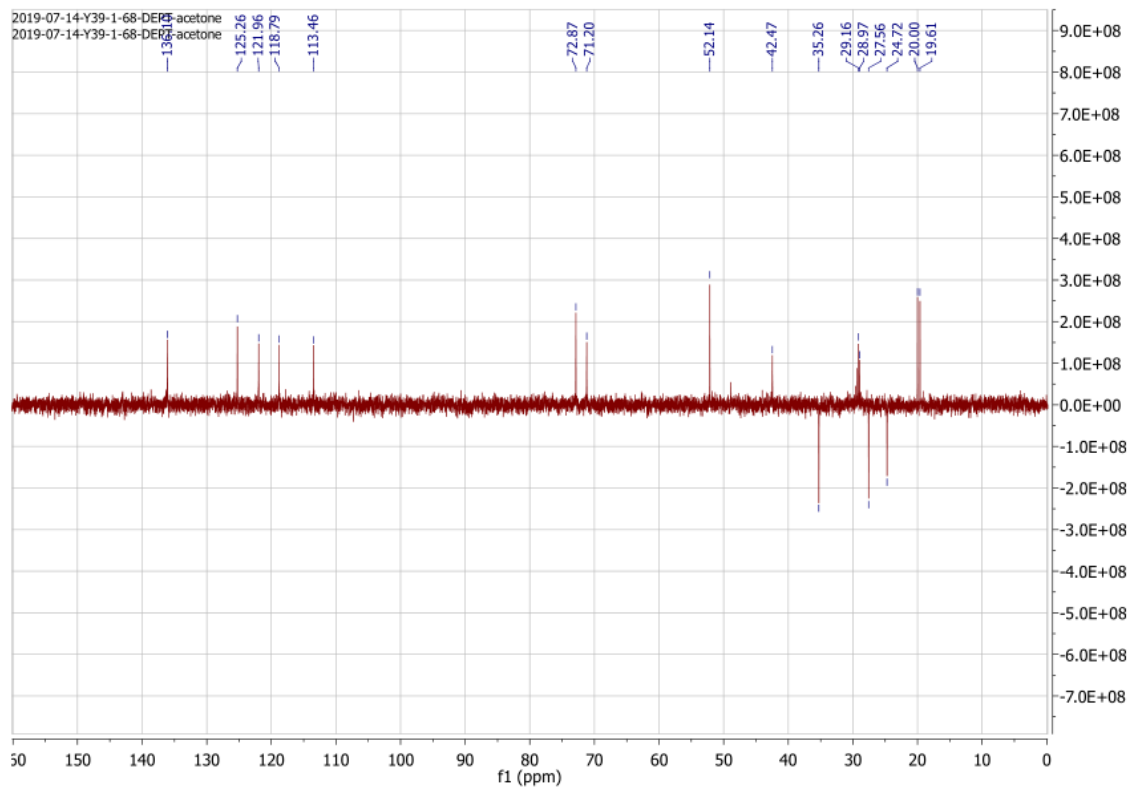


Figure S3. DEPT (acetone- d_6) spectrum of compound **1**.

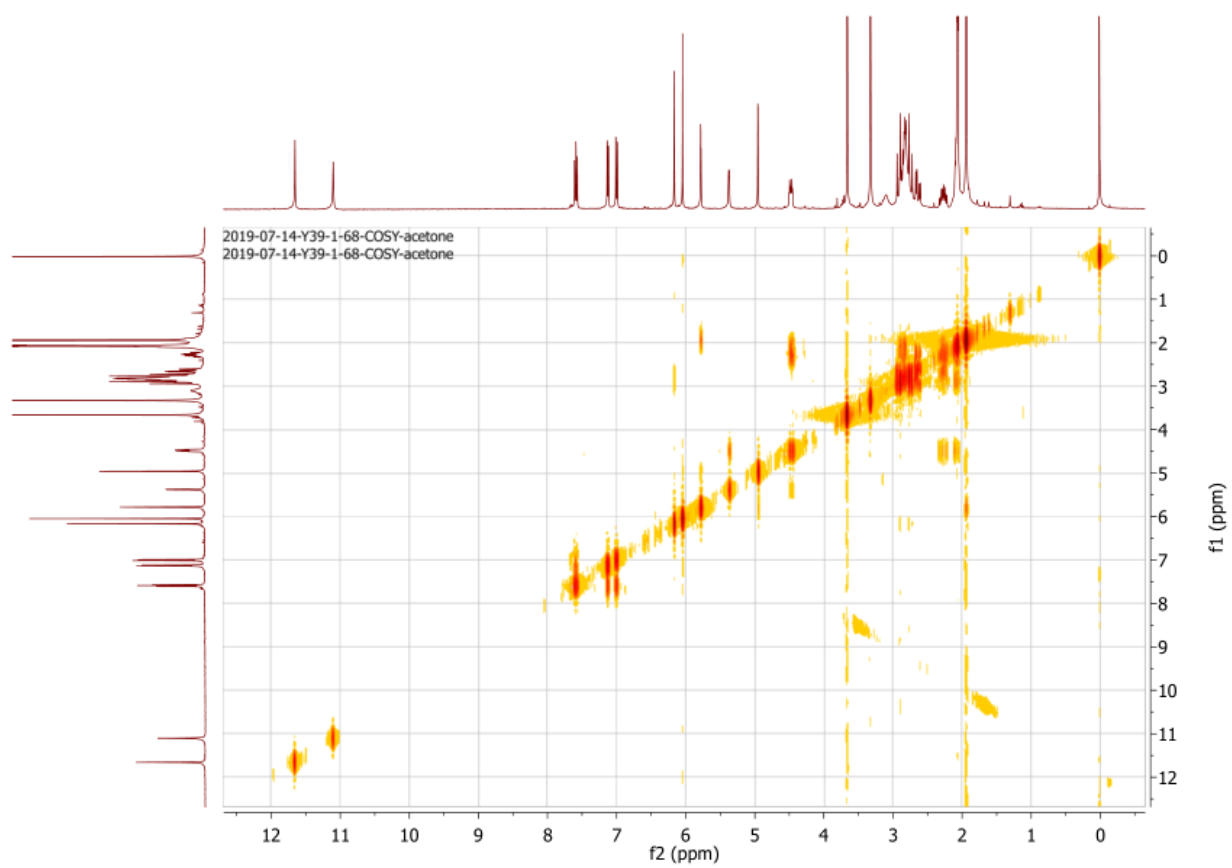


Figure S4. ^1H - ^1H COSY (400 MHz, acetone- d_6) spectrum of compound **1**.

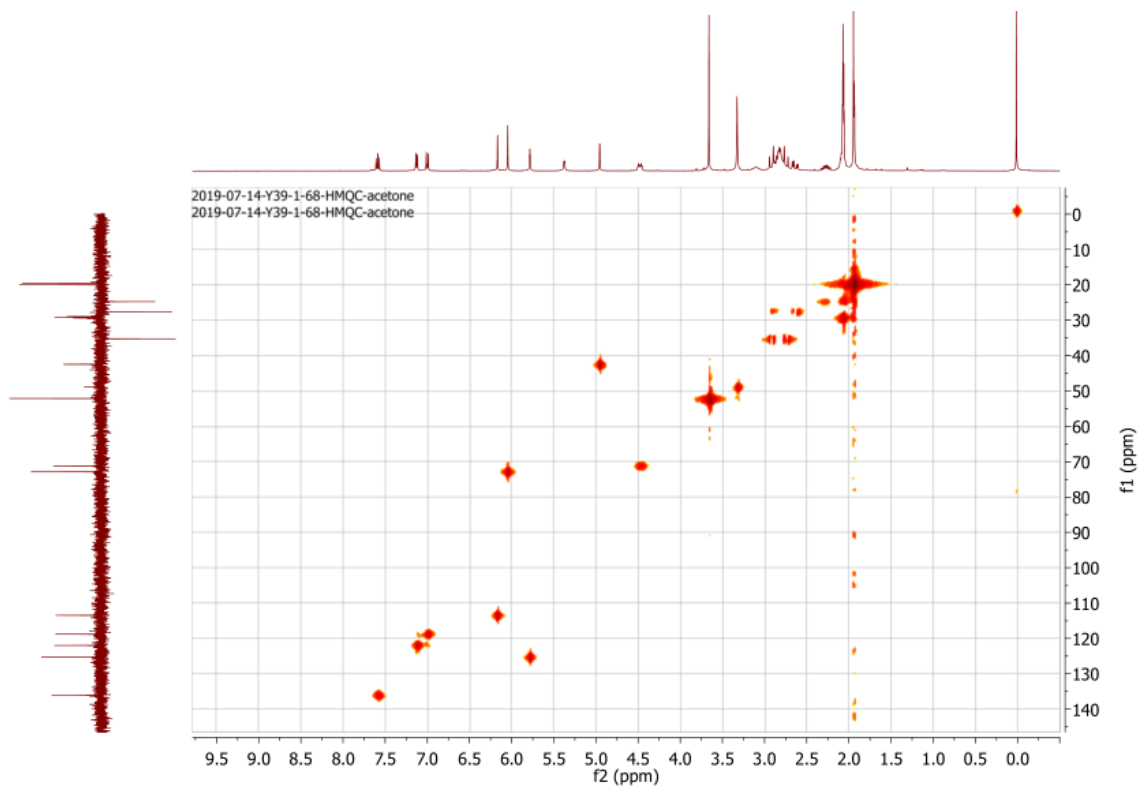


Figure S5. HSQC(400 MHz, acetone- d_6) spectrum of compound **1**.

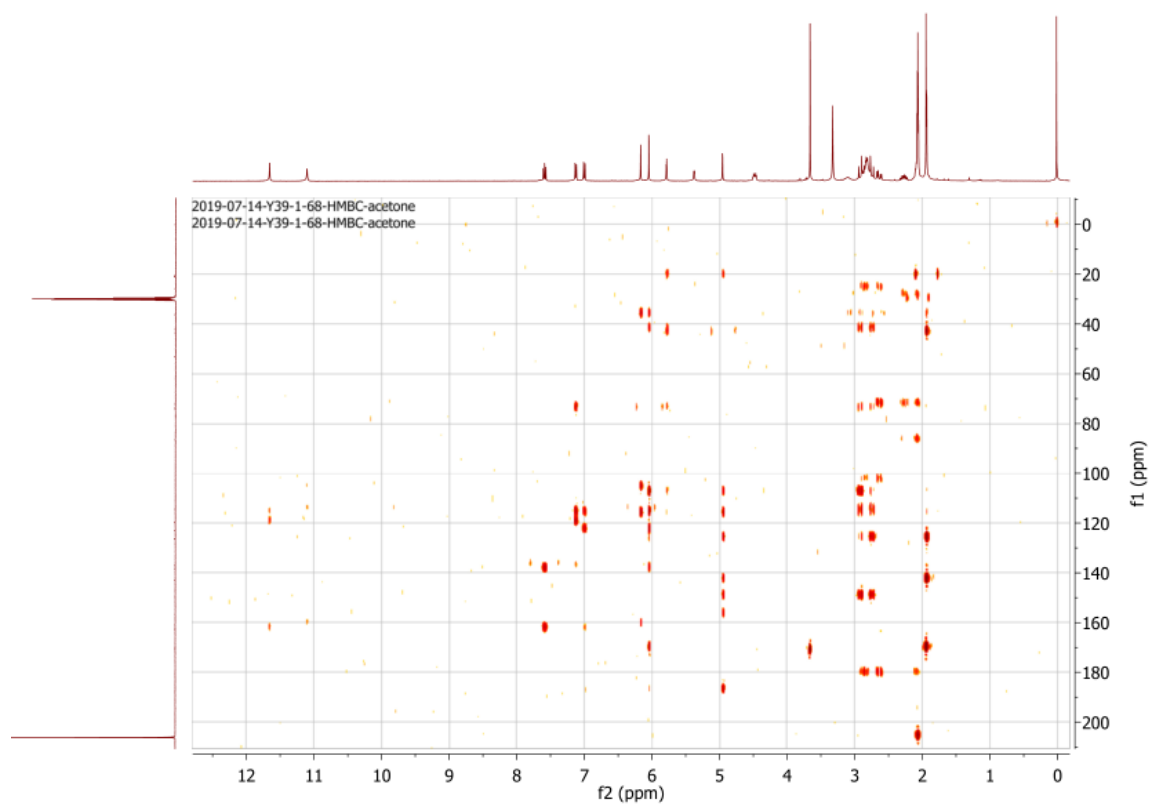


Figure S6. HMBC (acetone- d_6) spectrum of compound **1**.

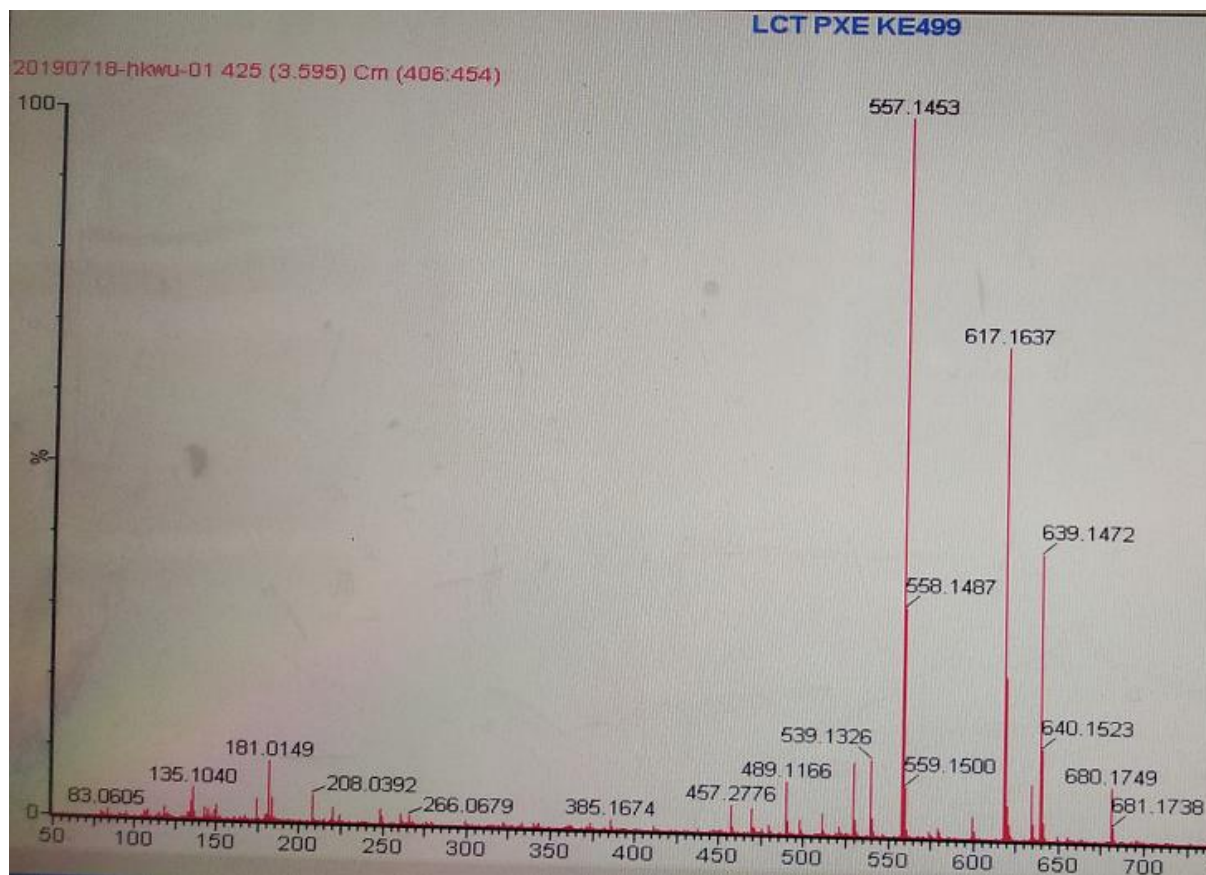


Figure S7. HRESIMS spectrum of compound **1**.