

**SEPTOCYLINDRINS A AND B: PEPTAIBOLS PRODUCED BY
THE TERRESTRIAL FUNGUS *SEPTOCYLINDRIUM* SP. LL-Z1518[⊥]**

Mia Y. Summers,* Fangming Kong, Xidong Feng, Marshall M. Siegel, Jeffrey E. Janso,
Edmund I. Graziani, and Guy T. Carter

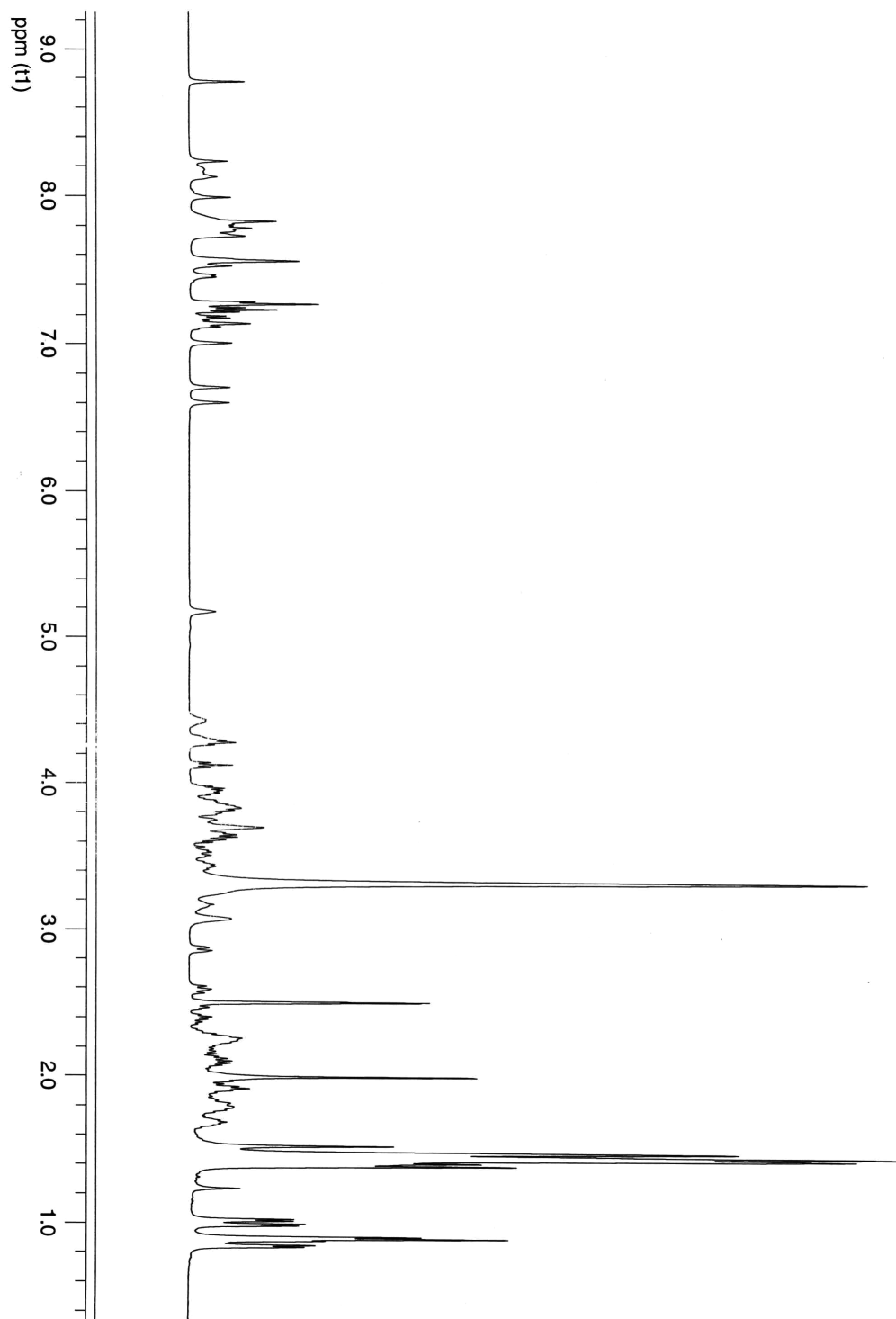
Department of Chemical and Screening Sciences, Wyeth Research

401 N. Middletown Rd., Pearl River, New York 10965

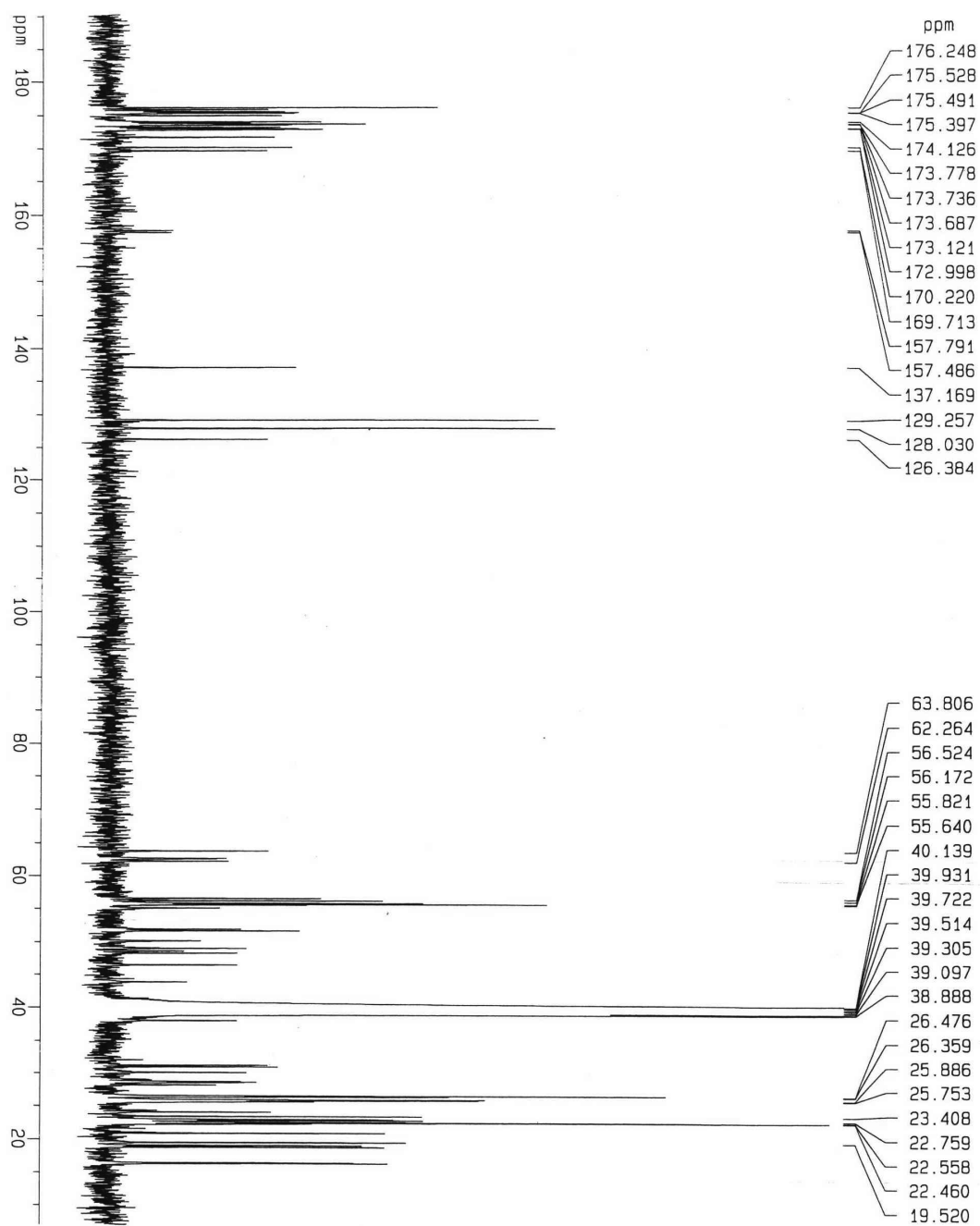
[⊥] Dedicated to the late Dr. Kenneth L. Rinehart, of the University of Illinois at Urbana-Champaign, for his pioneering work on bioactive natural products.

* author to whom correspondence should be addressed. Tel: 845-602-5493. Fax: 845-602-5687. E-mail: summerm@wyeth.com.

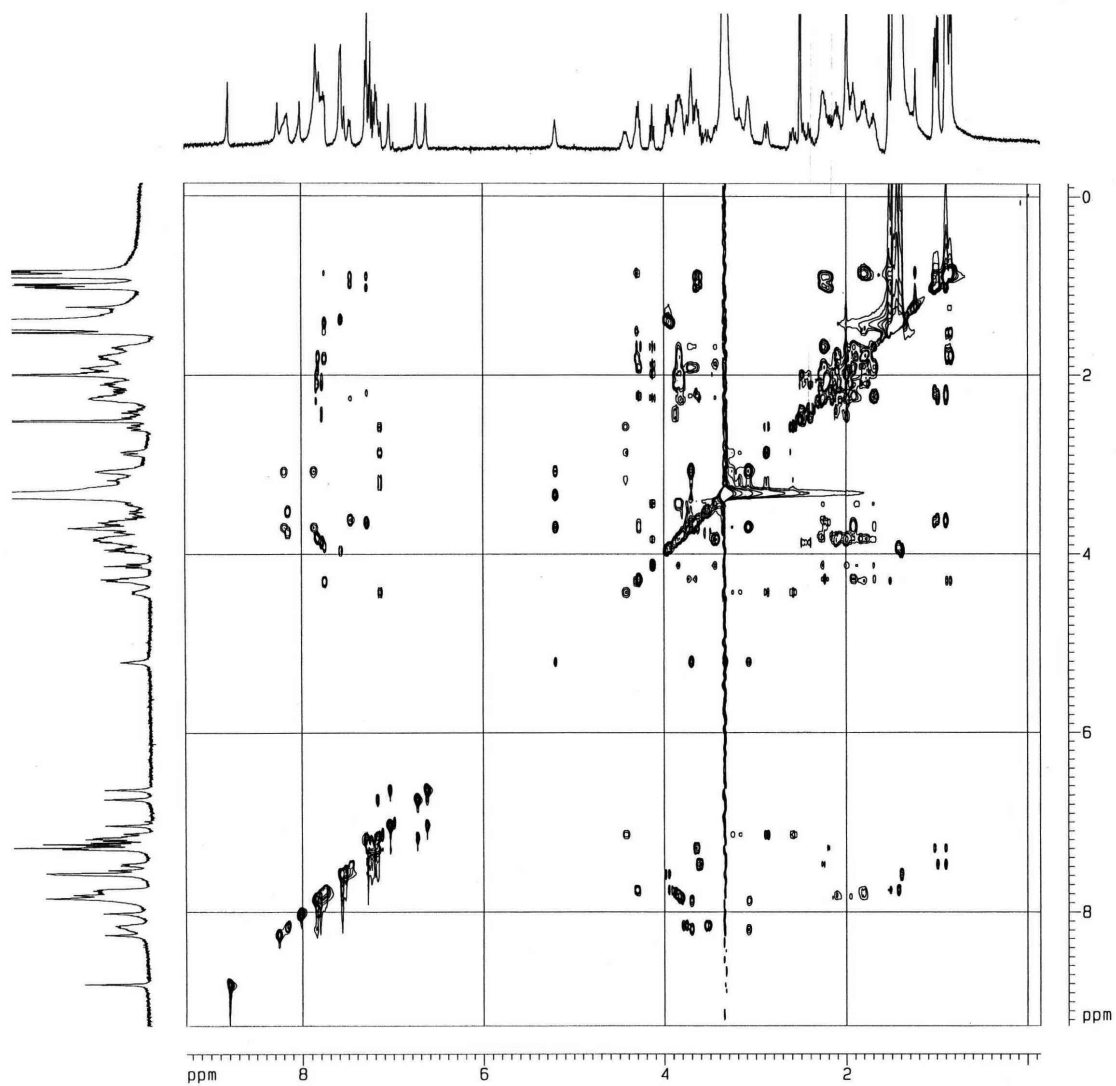
- S1. ^1H NMR spectrum of Compound 1 (400 MHz, $\text{DMSO-}d_6$)
- S2. ^{13}C NMR spectrum of Compound 1 (100 MHz, $\text{DMSO-}d_6$)
- S3. TOCSY spectrum of Compound 1 in $\text{DMSO-}d_6$
- S4. NOESY spectrum of Compound 1 in $\text{DMSO-}d_6$
- S5. HMBC spectrum of Compound 1 in $\text{DMSO-}d_6$
- S6. Multiplicity edited HSQC spectrum of Compound 1 in $\text{DMSO-}d_6$
- S7. ^{15}N multiplicity edited HSQC spectrum of Compound 1 in $\text{DMSO-}d_6$
- S8. IR spectrum of Compound 1
- S9. IR spectrum of Compound 2
- S10. FTMS/MS spectrum of Compound 1 parent ion m/z 2007.16647
- S11. FTMS/MS spectrum of Compound 1 daughter ion m/z 1189.69540
- S12. FTMS/MS spectrum of Compound 1 daughter ion m/z 818.47735
- S13. FTMS/MS spectrum of Compound 2 parent ion m/z 2006.18009
- S14. FTMS/MS spectrum of Compound 2 daughter ion m/z 817.49319



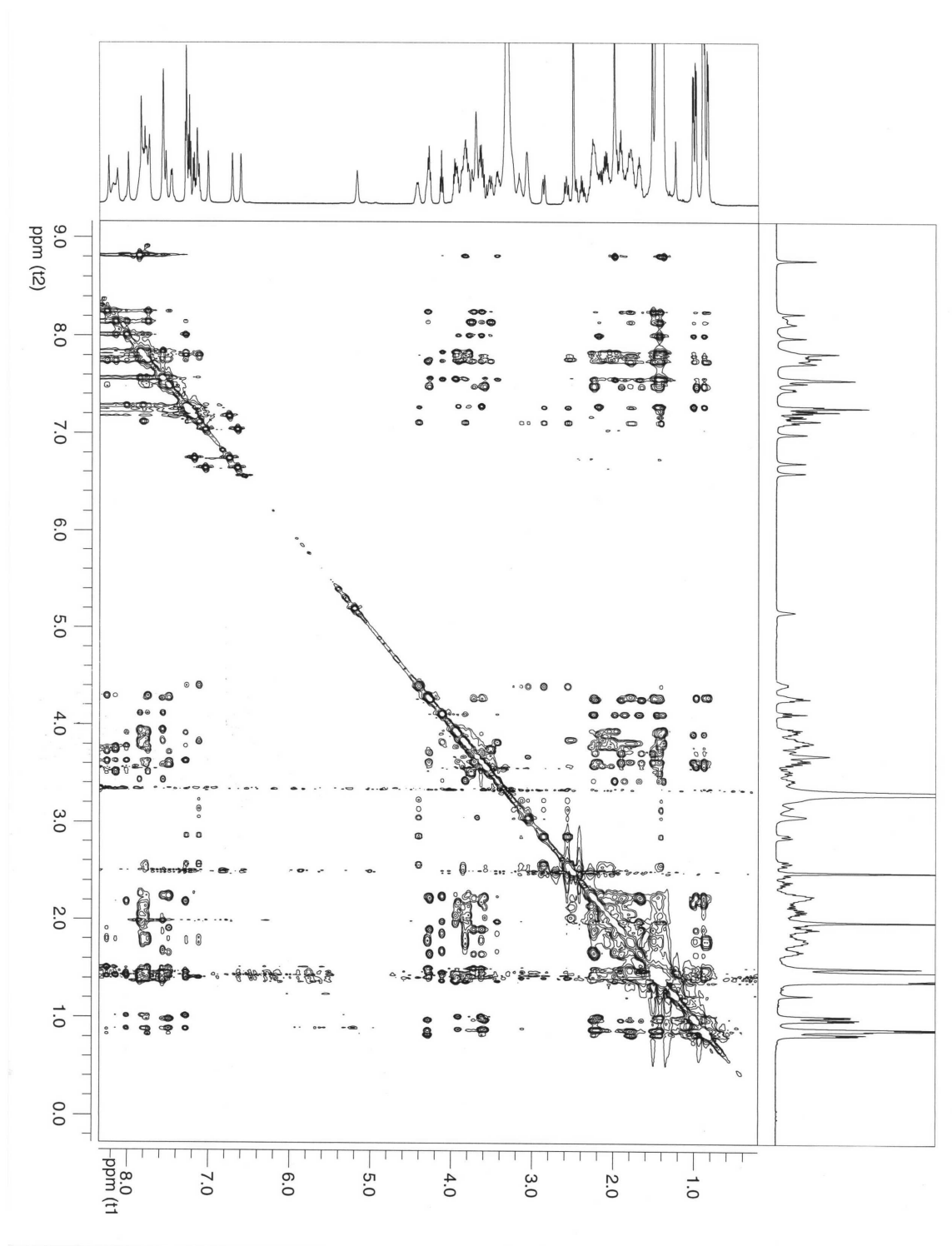
S1. ^1H NMR spectrum of Compound 1 (400 MHz, $\text{DMSO}-d_6$)



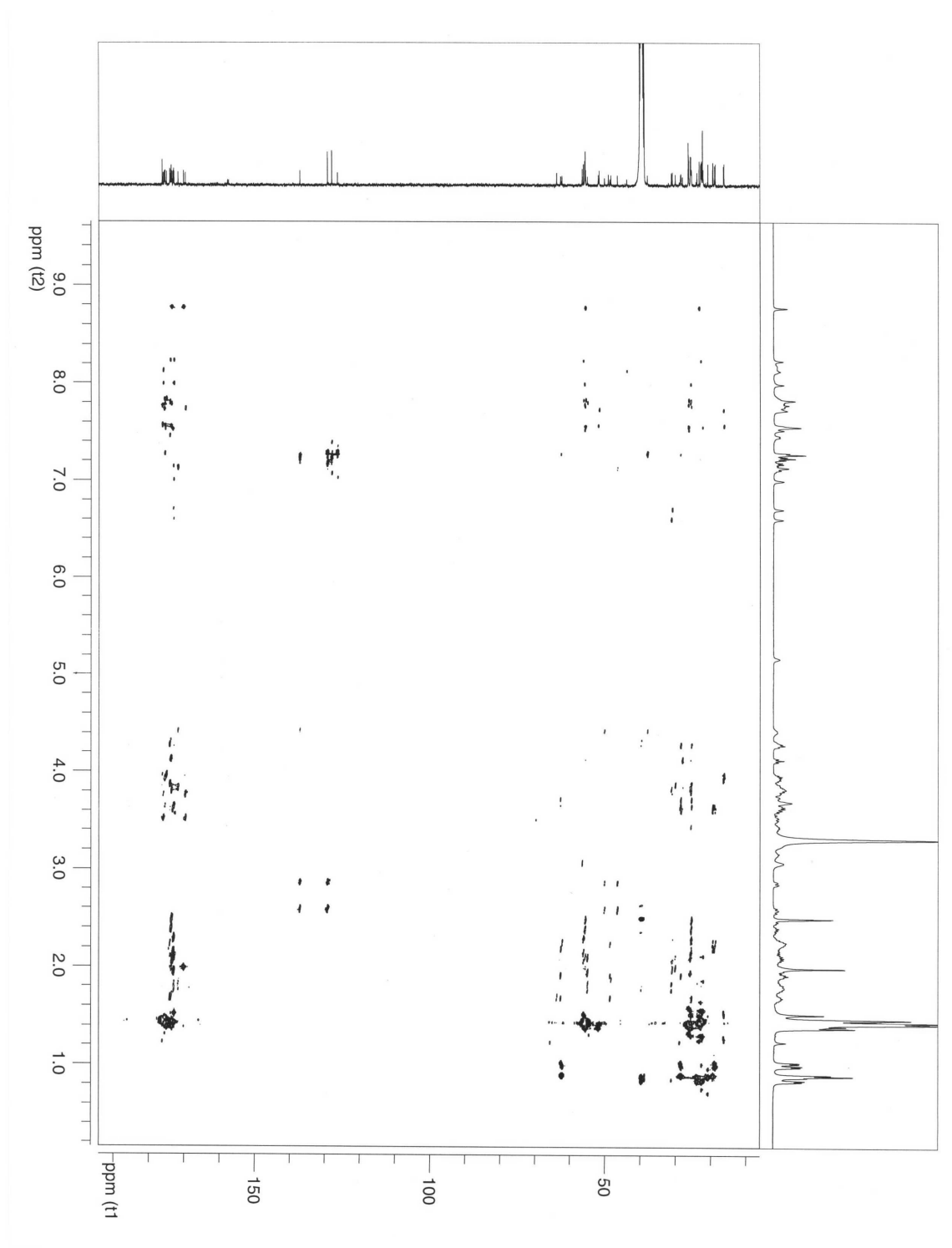
S2. ^{13}C NMR spectrum of Compound 1 (100 MHz, $\text{DMSO}-d_6$)



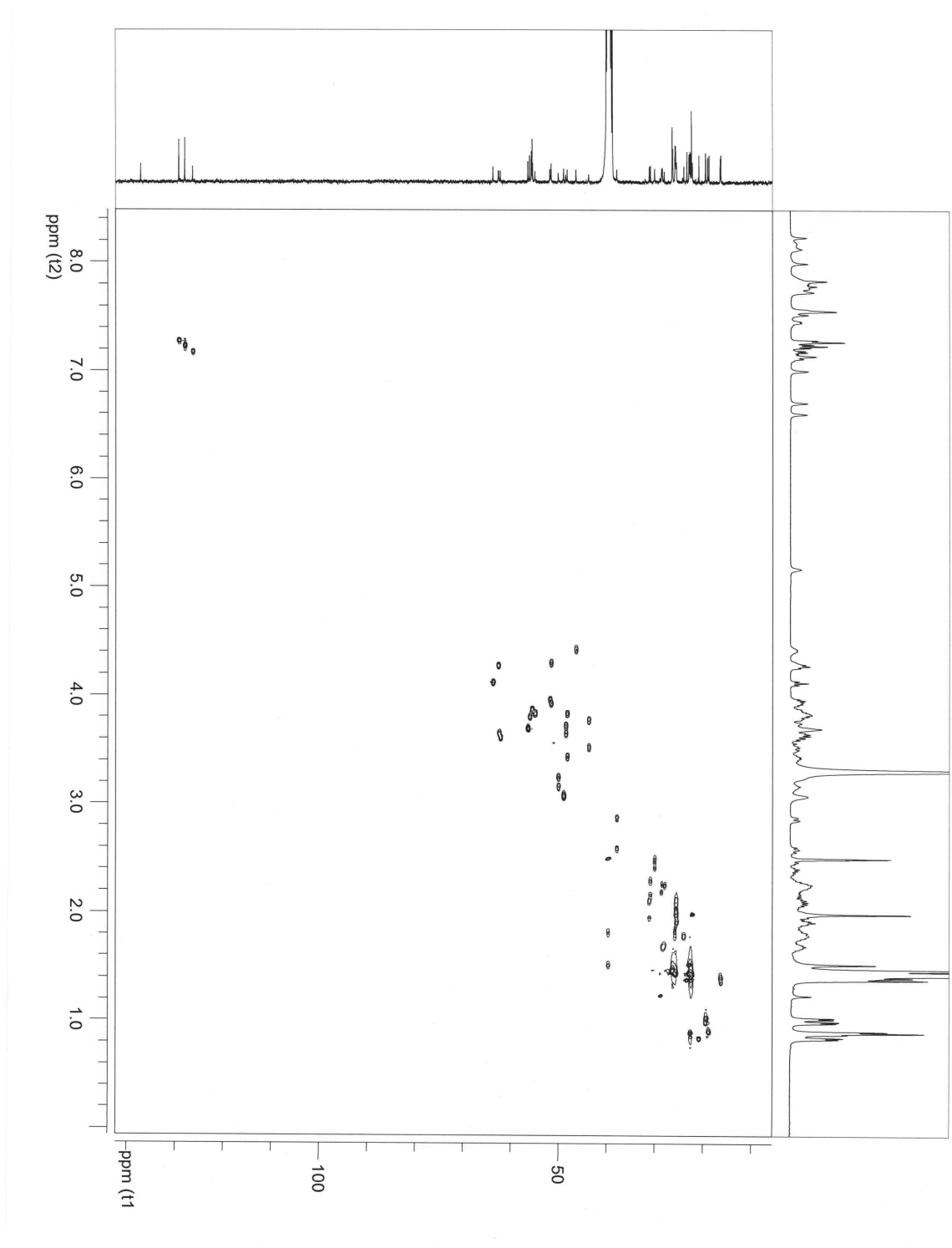
S3. TOCSY spectrum of Compound 1 in DMSO- d_6



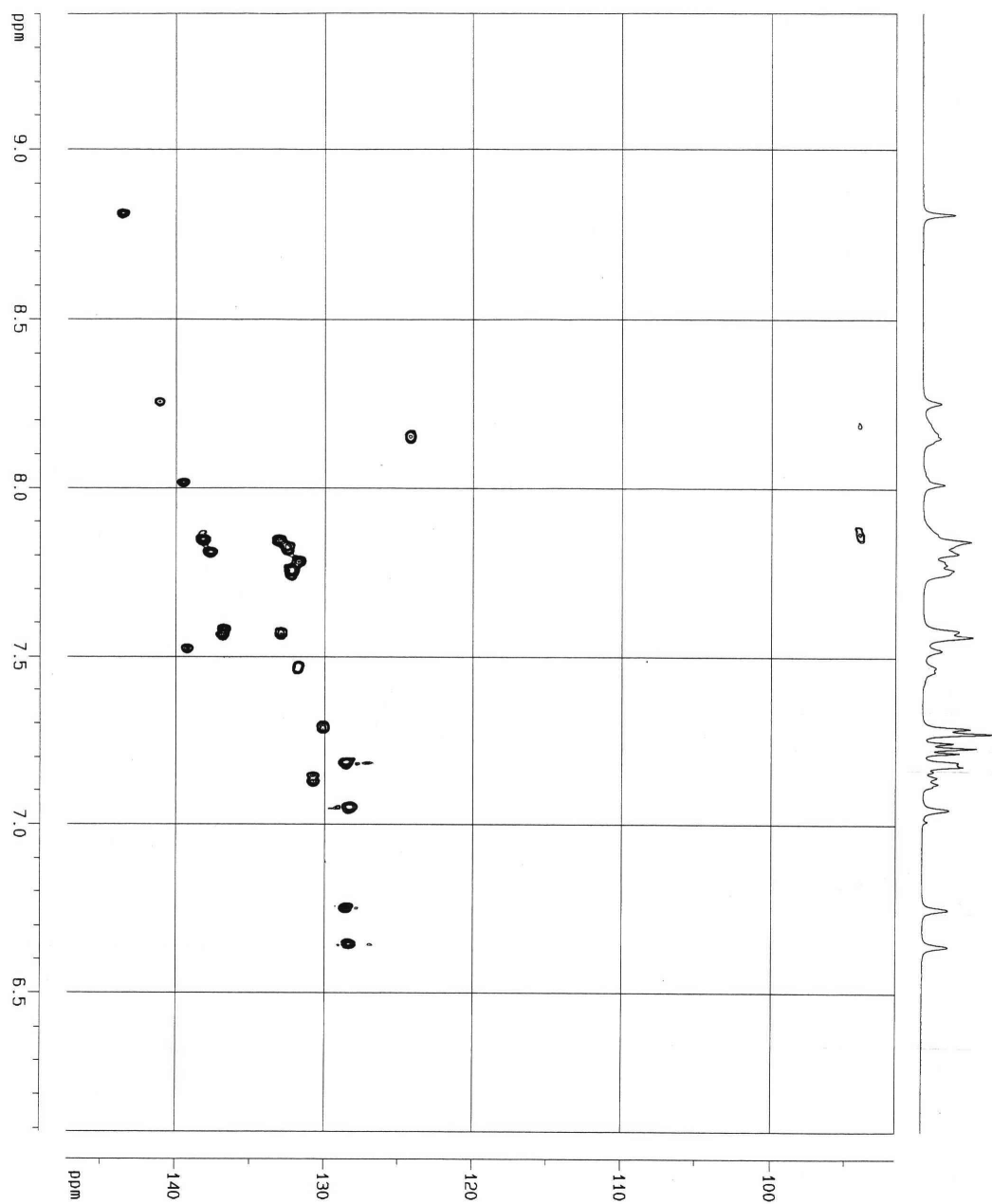
S4. NOESY spectrum of Compound 1 in DMSO- d_6



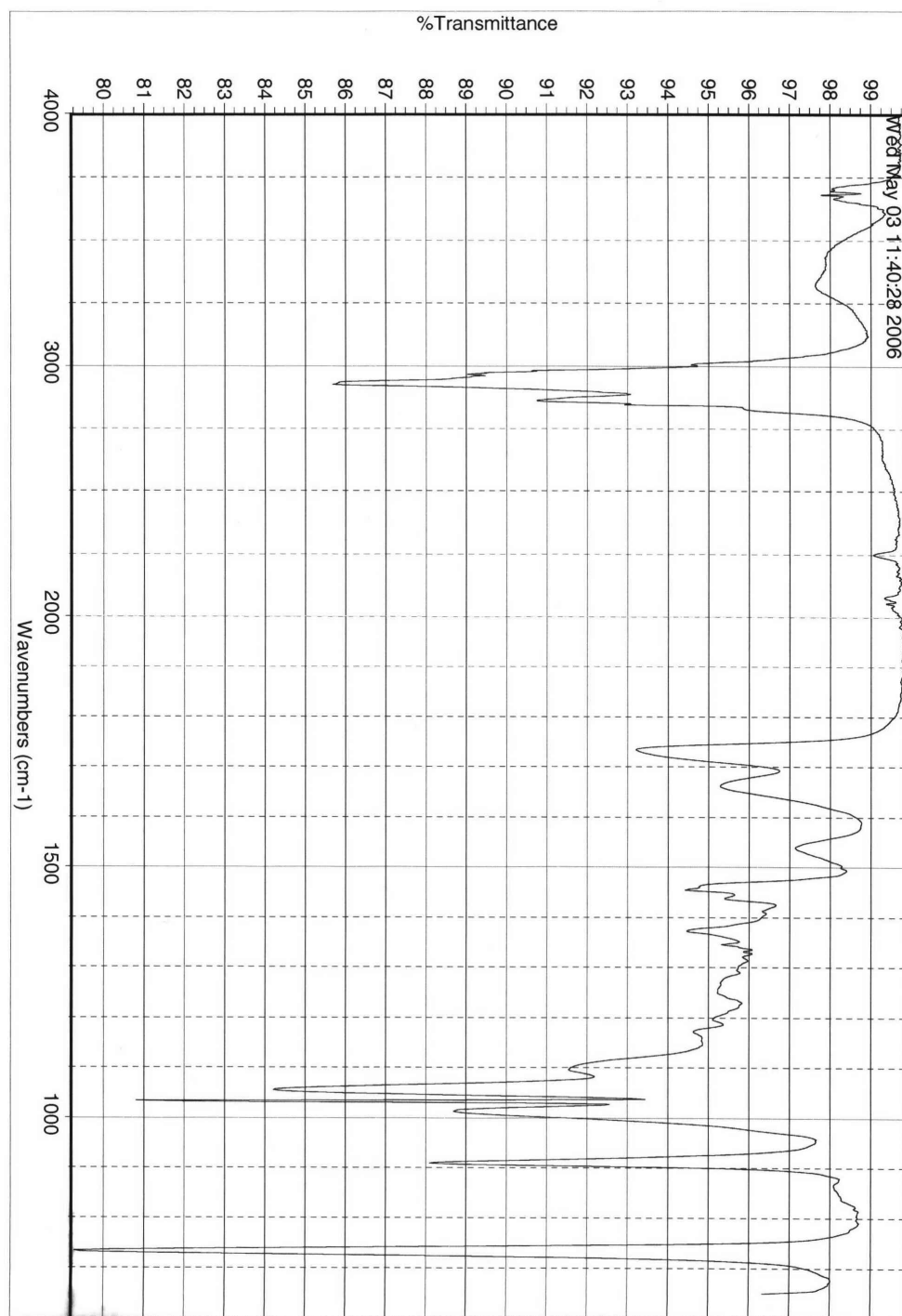
S5. HMBC spectrum of Compound 1 in DMSO- d_6



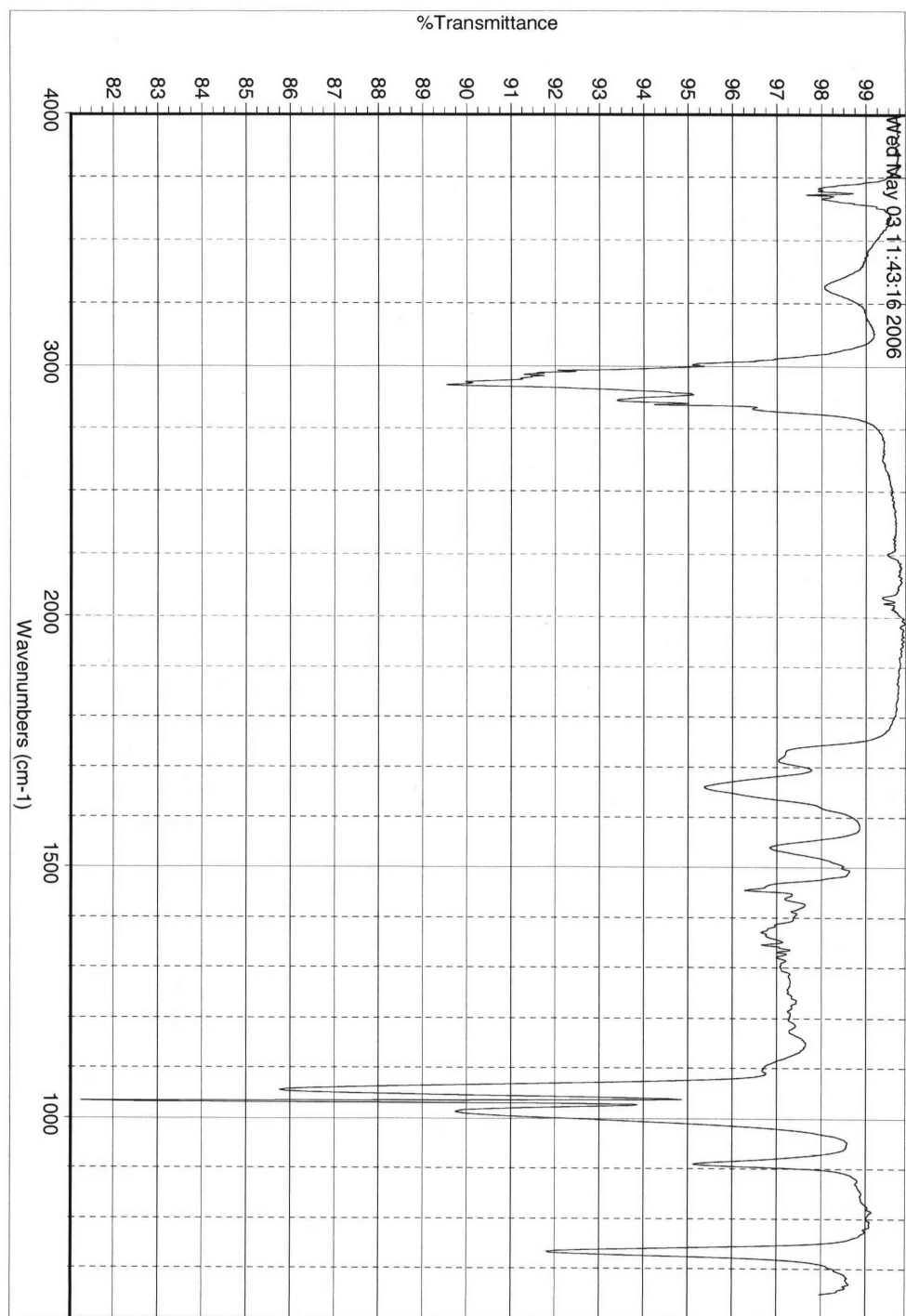
S6. Multiplicity edited HSQC spectrum of Compound 1 in DMSO- d_6



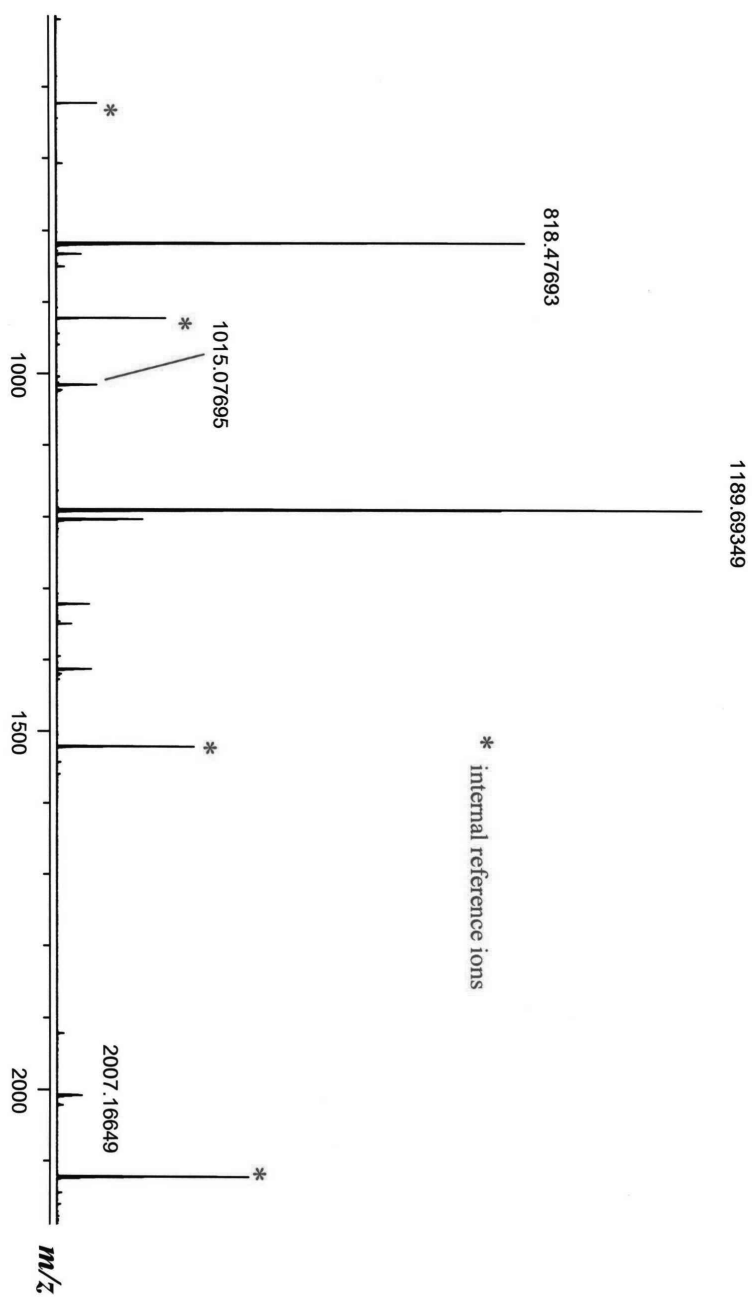
S7. ^{15}N multiplicity edited HSQC spectrum of Compound 1 in $\text{DMSO}-d_6$



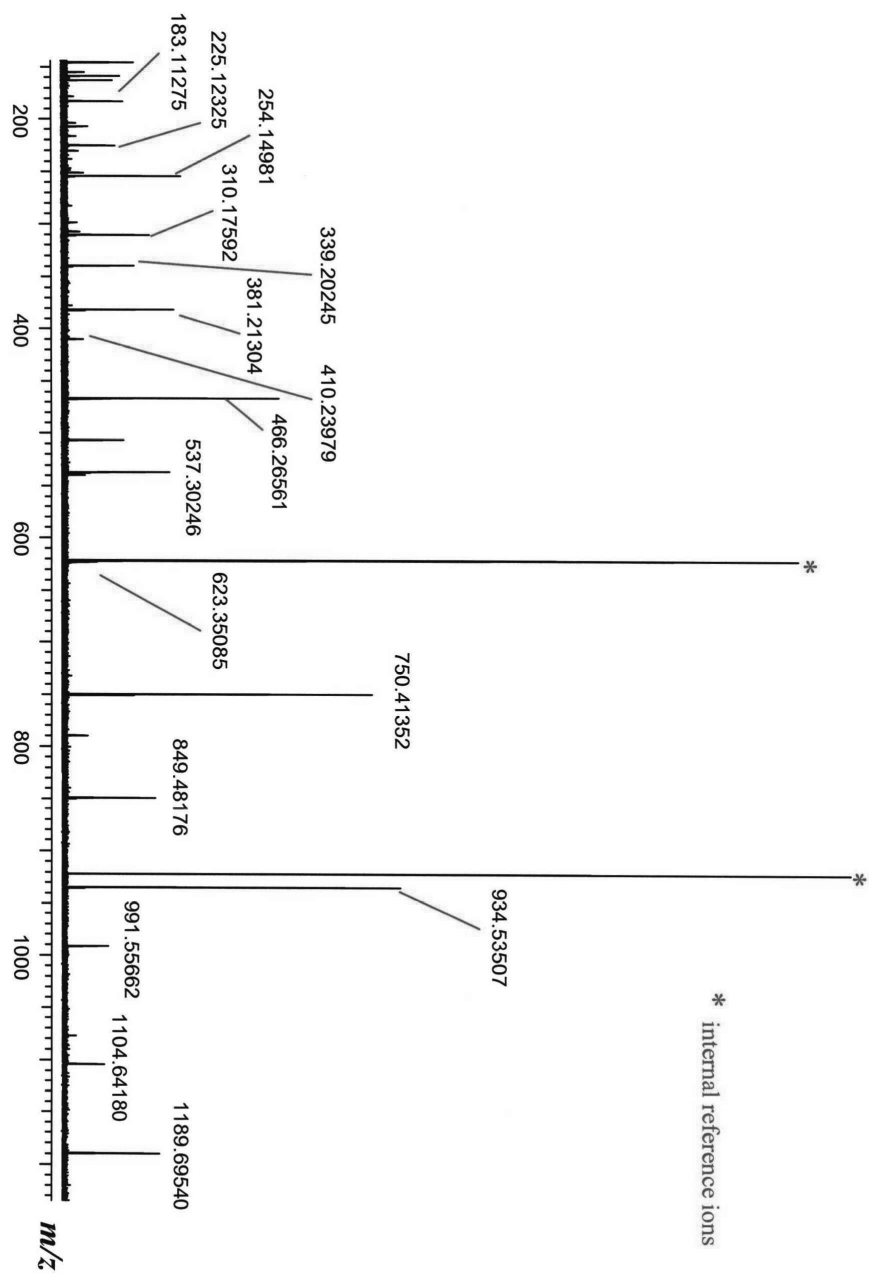
S8. IR spectrum of Compound 1



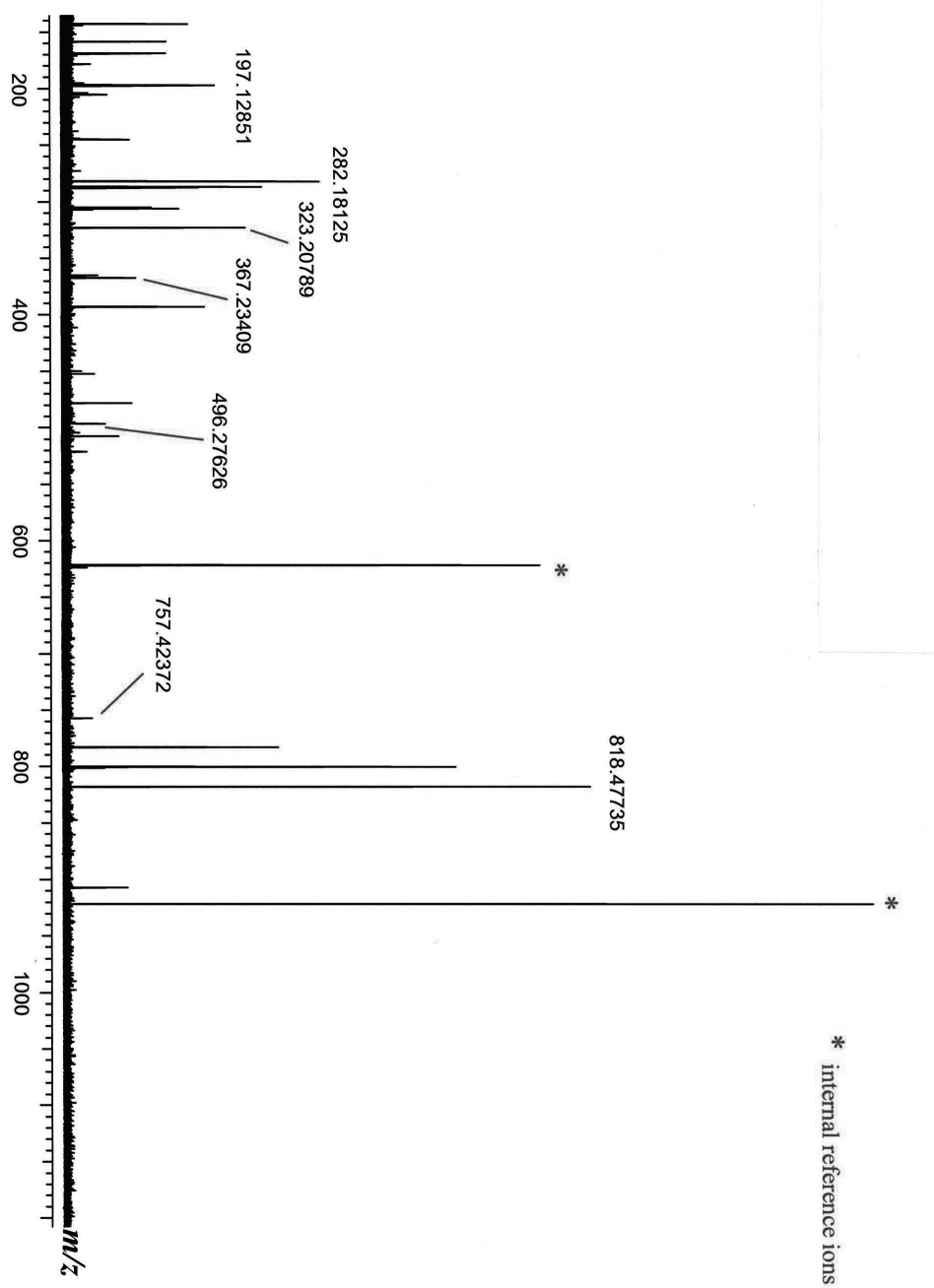
S9. IR spectrum of Compound 2



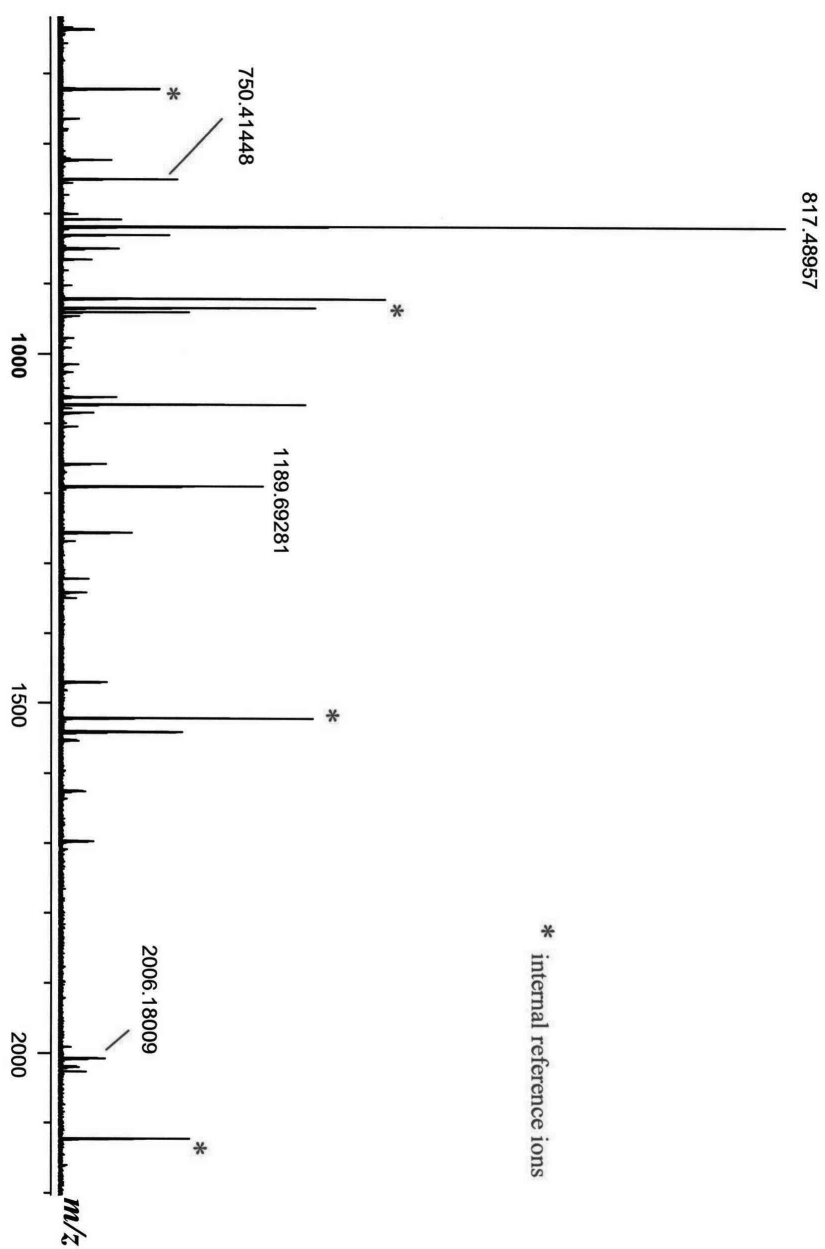
S10. FTMS/MS spectrum of Compound 1 parent ion m/z 2007.16647



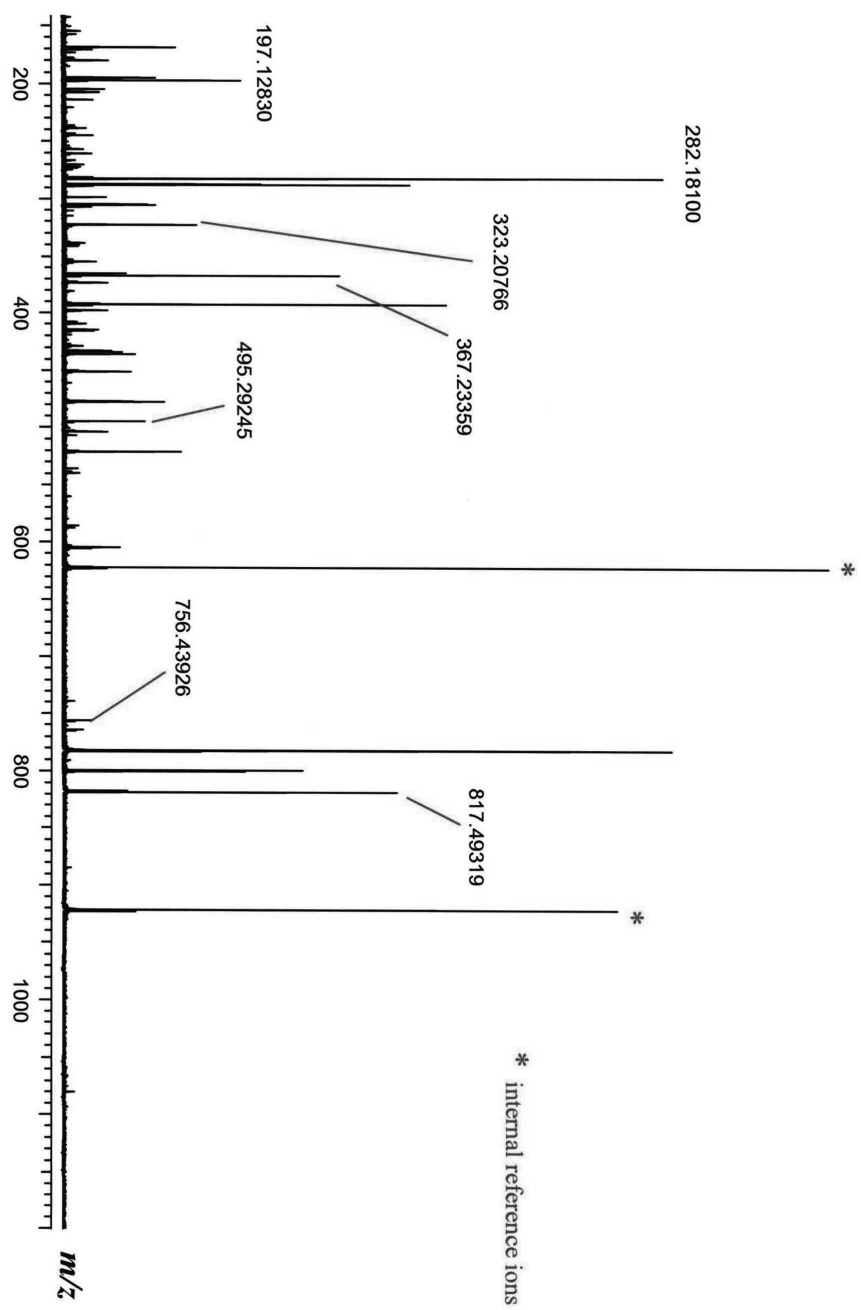
S11. FTMS/MS spectrum of Compound 1 daughter ion m/z 1189.69540



S12. FTMS/MS spectrum of Compound 1 daughter ion m/z 818.47735



S13. FTMS/MS spectrum of Compound 2 parent ion m/z 2006.18009



S14. FTMS/MS spectrum of Compound 2 daughter ion m/z 817.49319