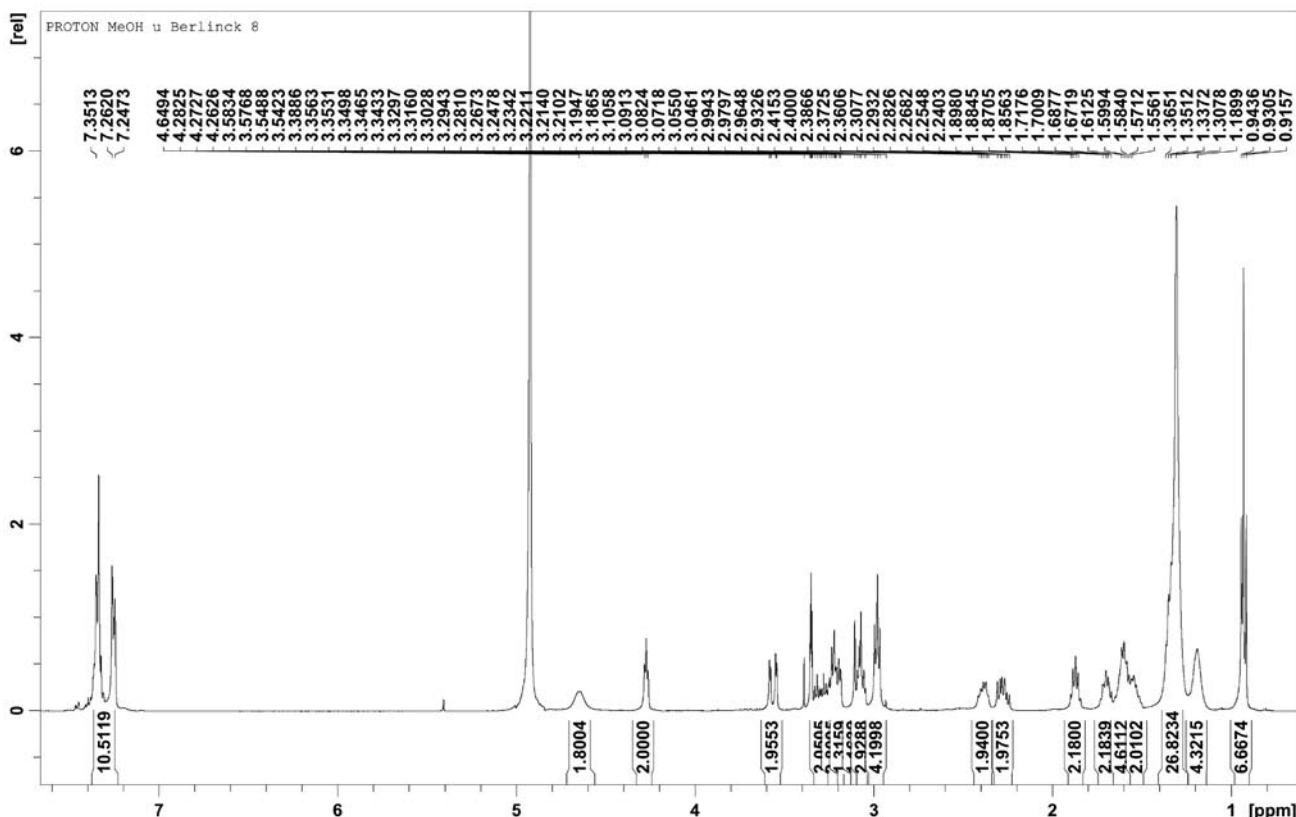


Antibacterial Modified Diketopiperazines from two Ascidians of the Genus *Didemnum*[#]Miriam H. Kossuga,^a Simone P. Lira,^a Shayna McHugh,^a Yohandra R. Torres,^{a,b} Bruna A. Lima,^c Reginaldo Gonçalves,^c Katyuscia Veloso,^d Antonio G. Ferreira,^d Rosana M. Rocha^e and Roberto G. S. Berlinck^{*a}^aInstituto de Química de São Carlos, Universidade de São Paulo, CP 780, 13560-970 São Carlos-SP, Brazil^bDepartamento de Química, Universidade Estadual do Centro-Oeste, Rua Camargo Varela de Sá, 03, 85040-080 Guarapuava-PR, Brazil^cDepartamento de Diagnóstico Oral, Faculdade de Odontologia de Piracicaba, Universidade Estadual de Campinas, CP 52, 13414-018 Piracicaba-SP, Brazil^dDepartamento de Química, Universidade Federal de São Carlos, 13565-905 São Carlos-SP, Brazil^eDepartamento de Zoologia, Setor de Ciências Biológicas, Universidade Federal do Paraná, Centro Politécnico, Jardim das Américas s/n, CP 19020, 81531-990 Curitiba-PR, BrazilFigure S1. ¹H NMR spectrum of rodriguesines A (1) and B (2) in MeOH-*d*₄ (400 MHz).

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#Dedicated to Prof. Vanderlan da Silva Bolzani, for her outstanding contributions to the development of natural product chemistry and related sciences in Brazil.

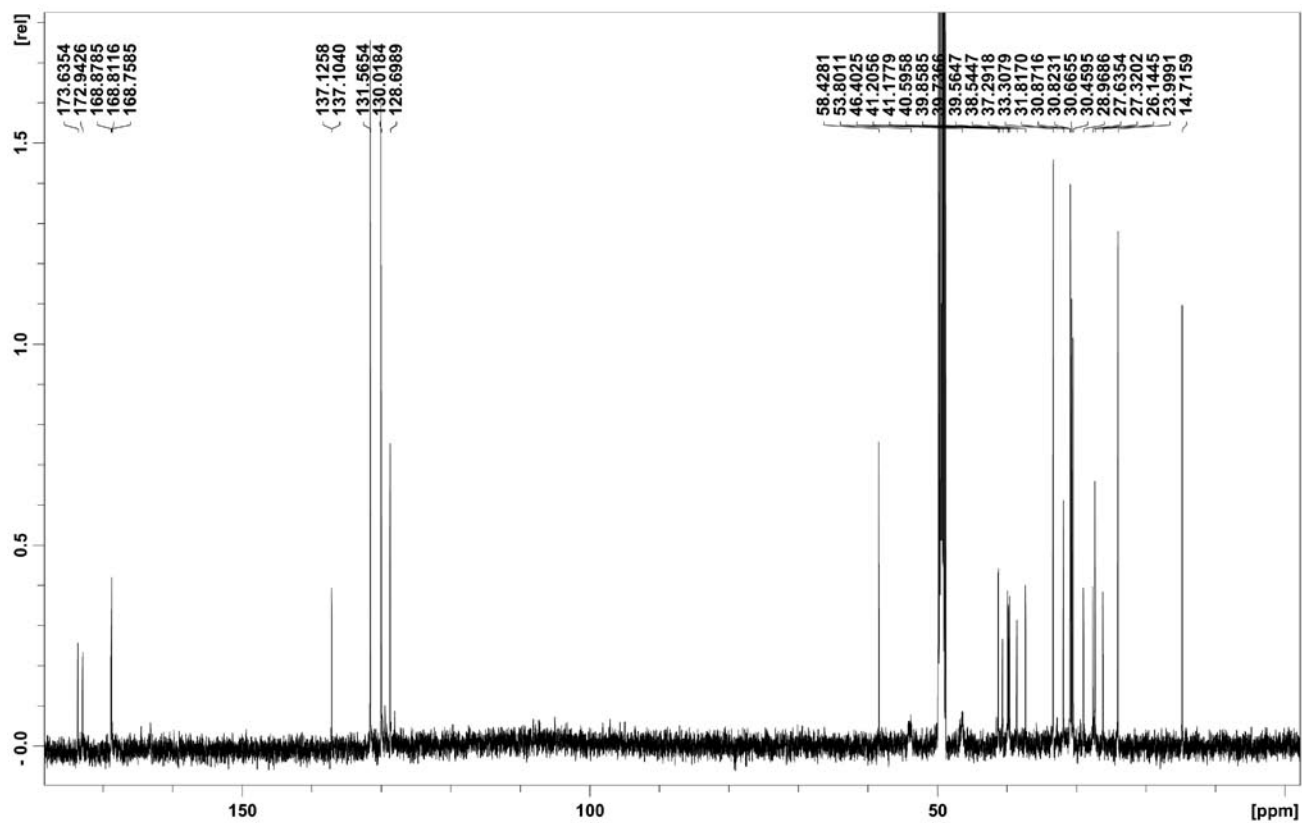


Figure S2. ¹³C NMR spectrum of rodriguesines A (1) and B (2) in MeOH-*d*₄ (100 MHz).

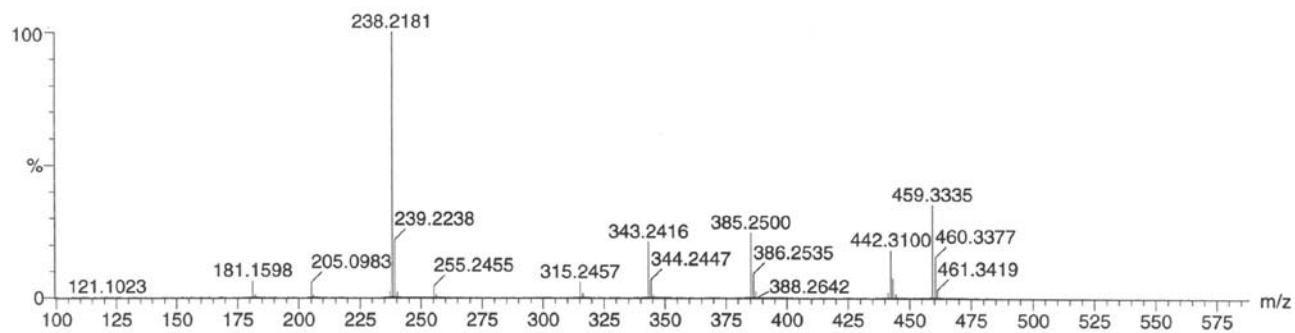


Figure S3. MS/MS analysis of rodriguesine A (1).

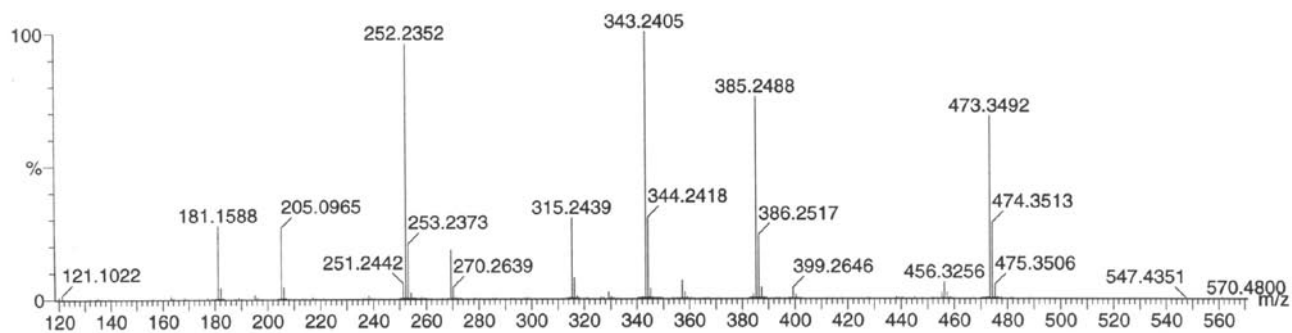


Figure S4. MS/MS analysis of rodriguine B (2).

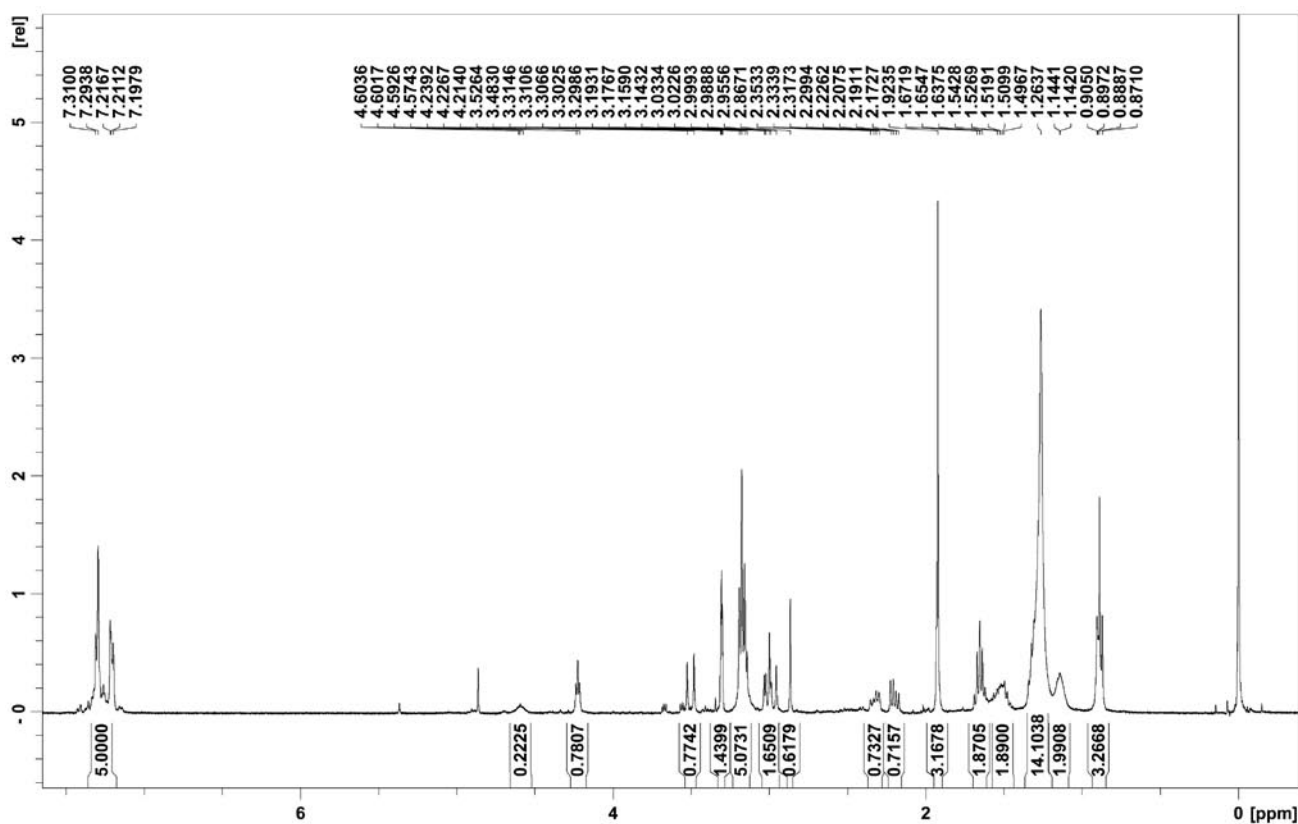


Figure S5. ¹H NMR spectrum of *N*-acetyl-rodriguine A (3) in MeOH-*d*₄ (400 MHz).

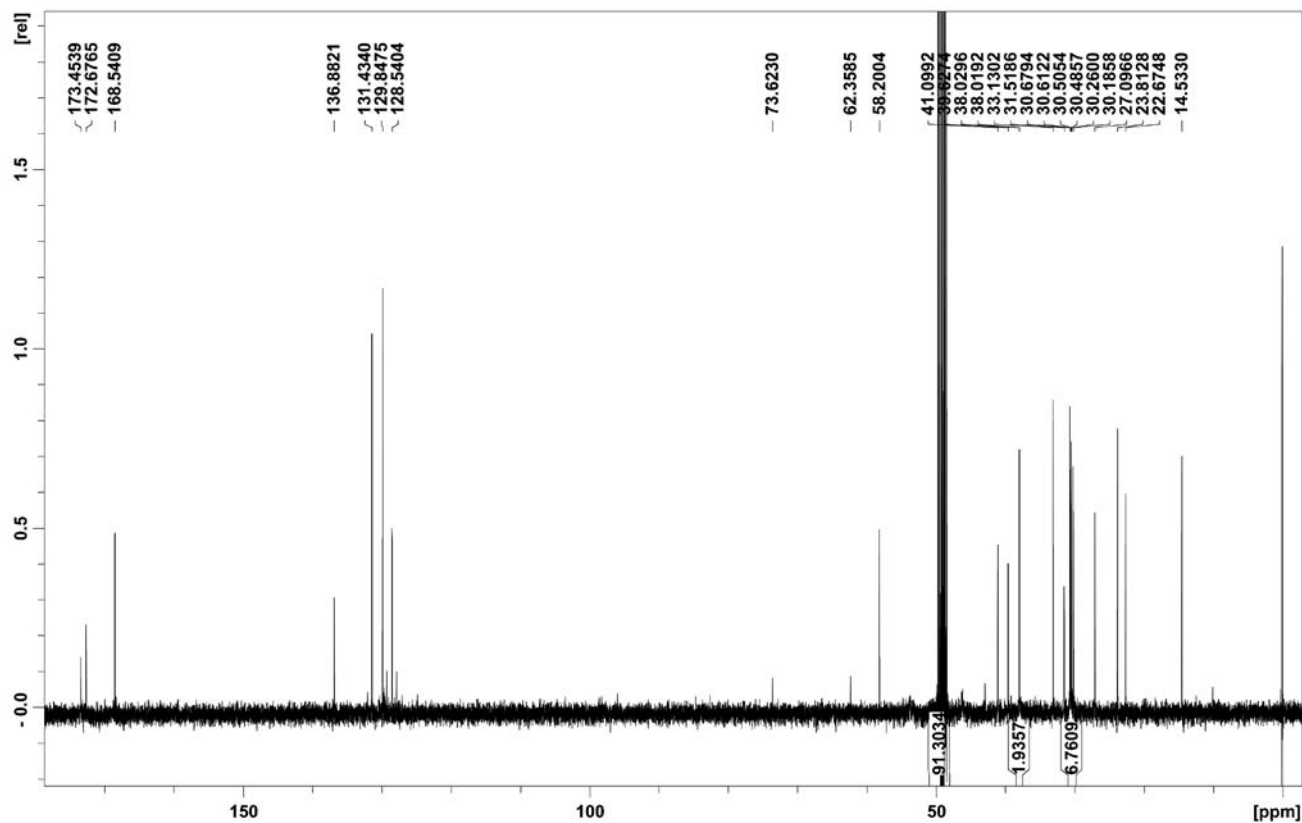


Figure S6. ^{13}C NMR spectrum of *N*-acetyl-rodriguesine A (3) in $\text{MeOH-}d_4$ (100 MHz).

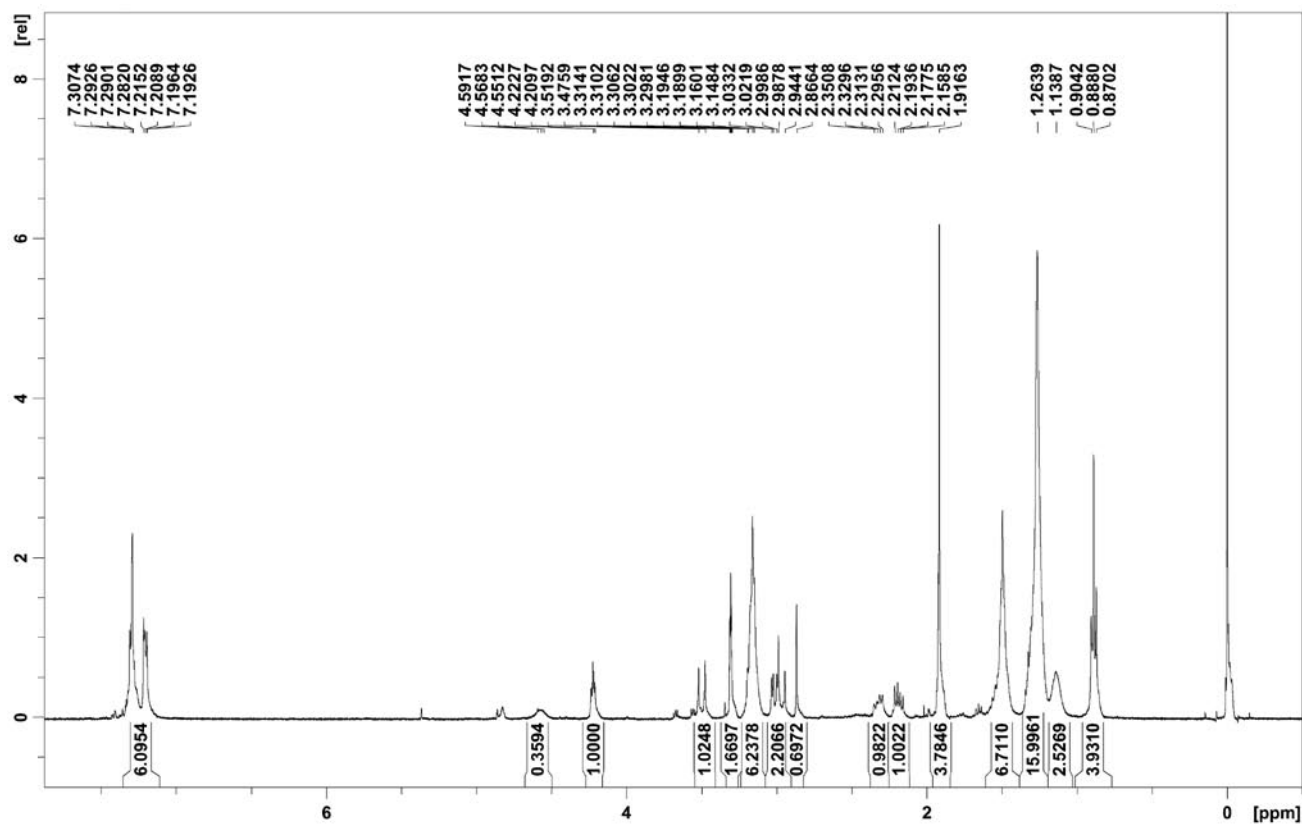


Figure S7. ^1H NMR spectrum of *N*-acetyl-rodriguesine A (4) in $\text{MeOH-}d_4$ (400 MHz).

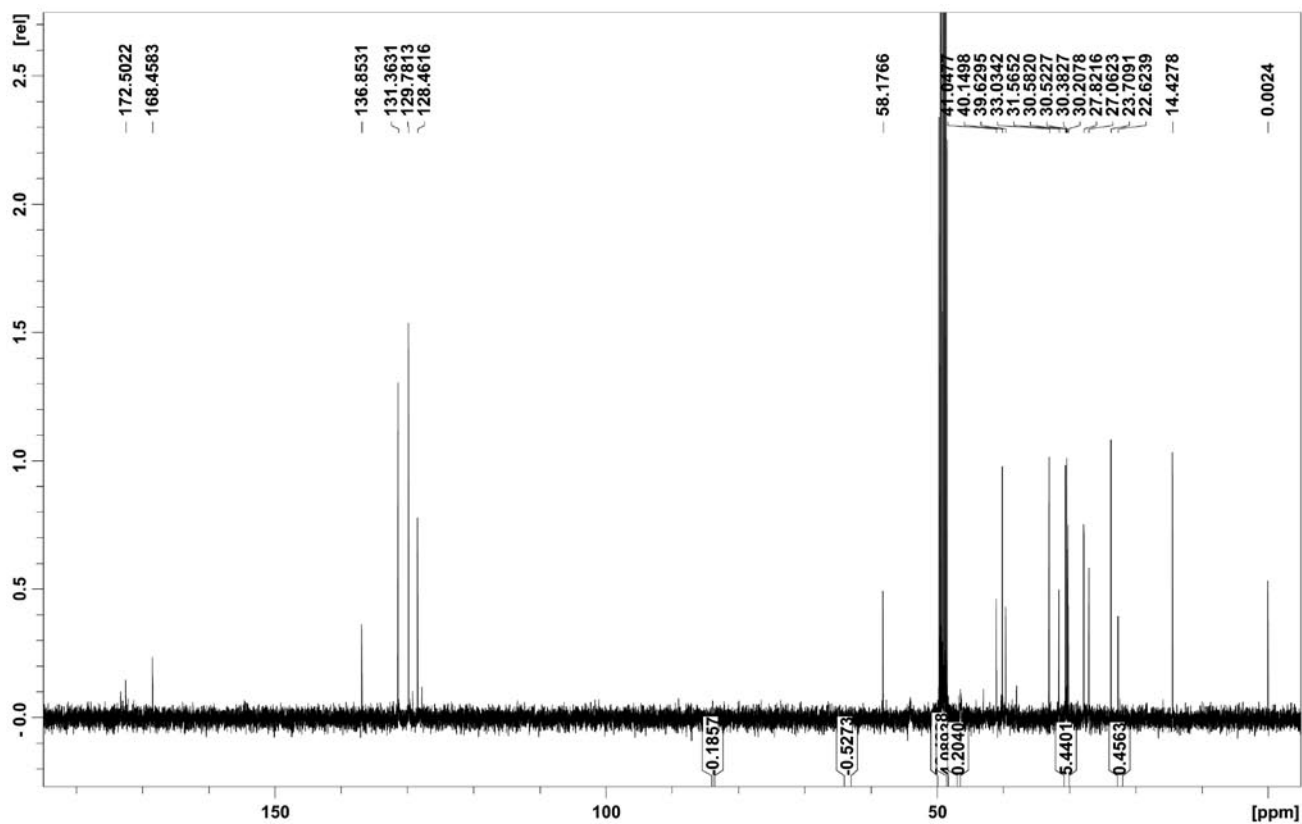


Figure S8. ^{13}C NMR spectrum of *N*-acetyl-rodriguesine A (5) in $\text{MeOH-}d_4$ (100 MHz).

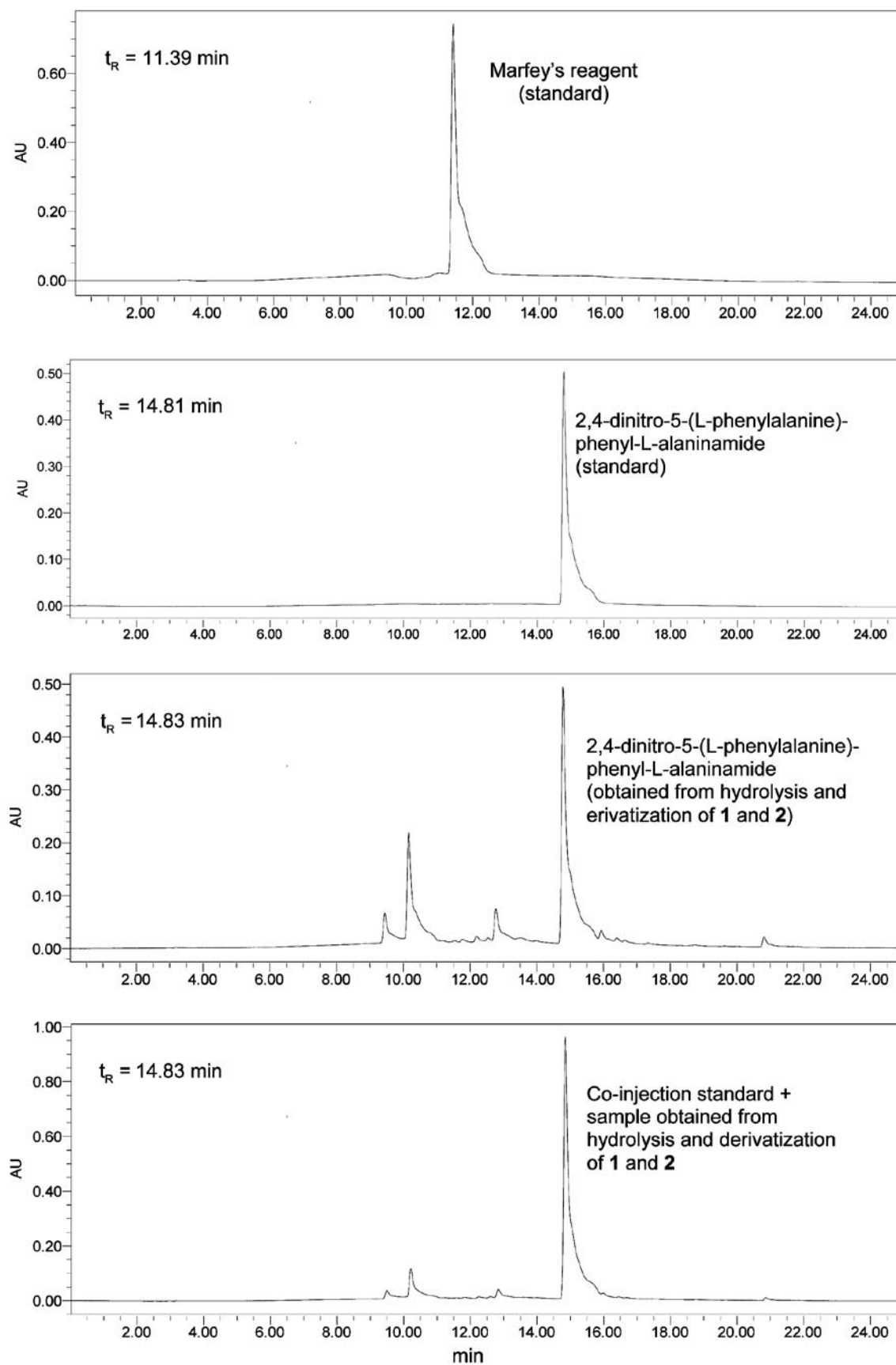


Figure S9. Marfey's analysis of rodriguesines A (1) and B (2).