

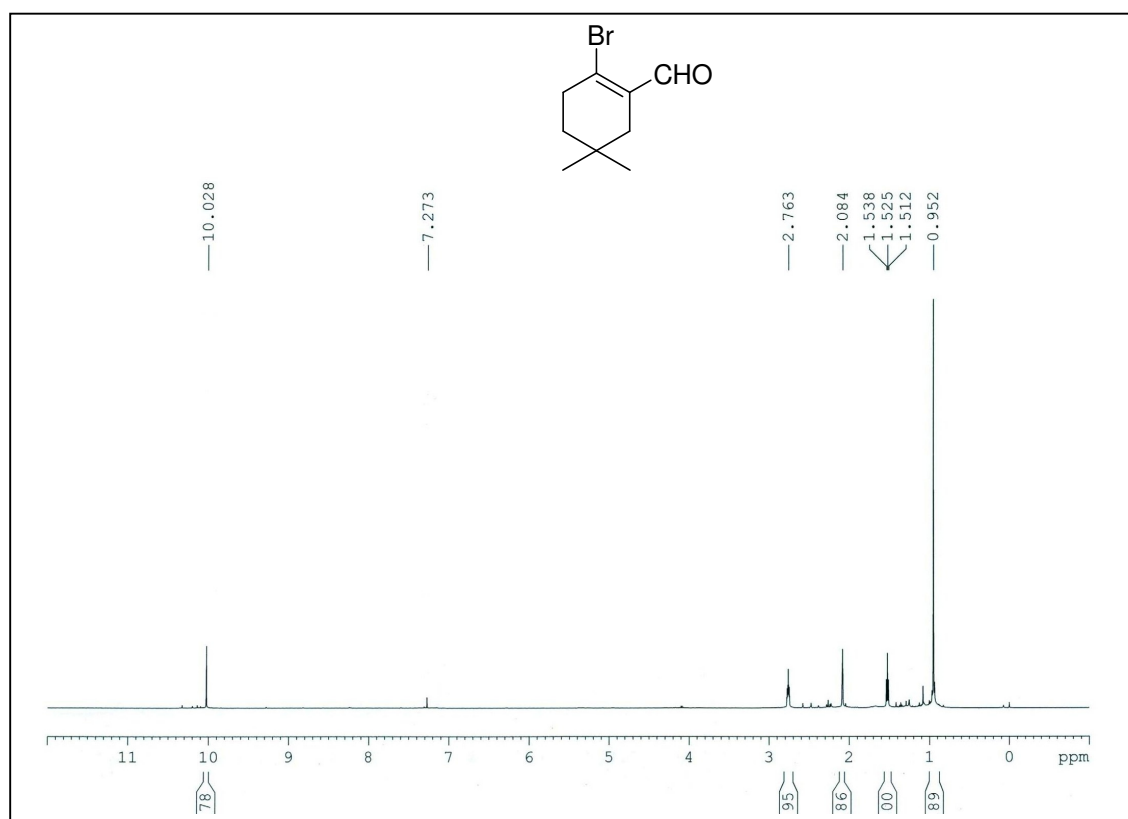
Supplementary Material

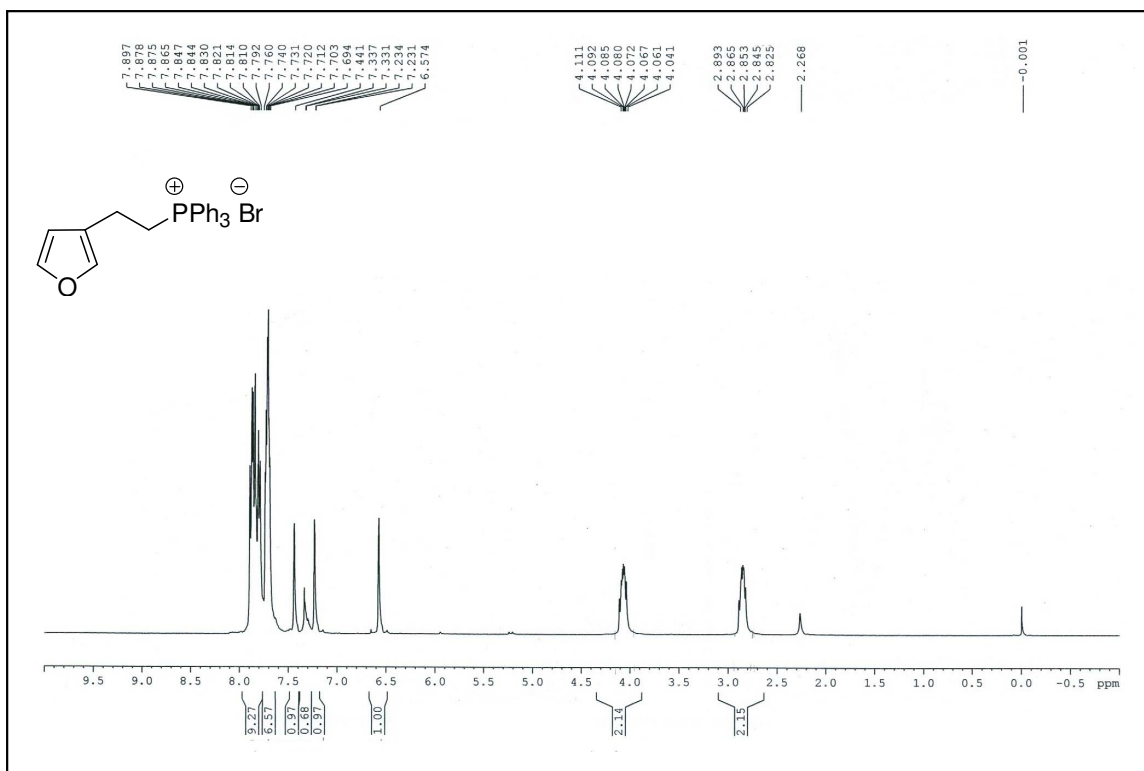
A new synthesis of pleraplysillin-1, a sponge metabolite, using Wittig olefination

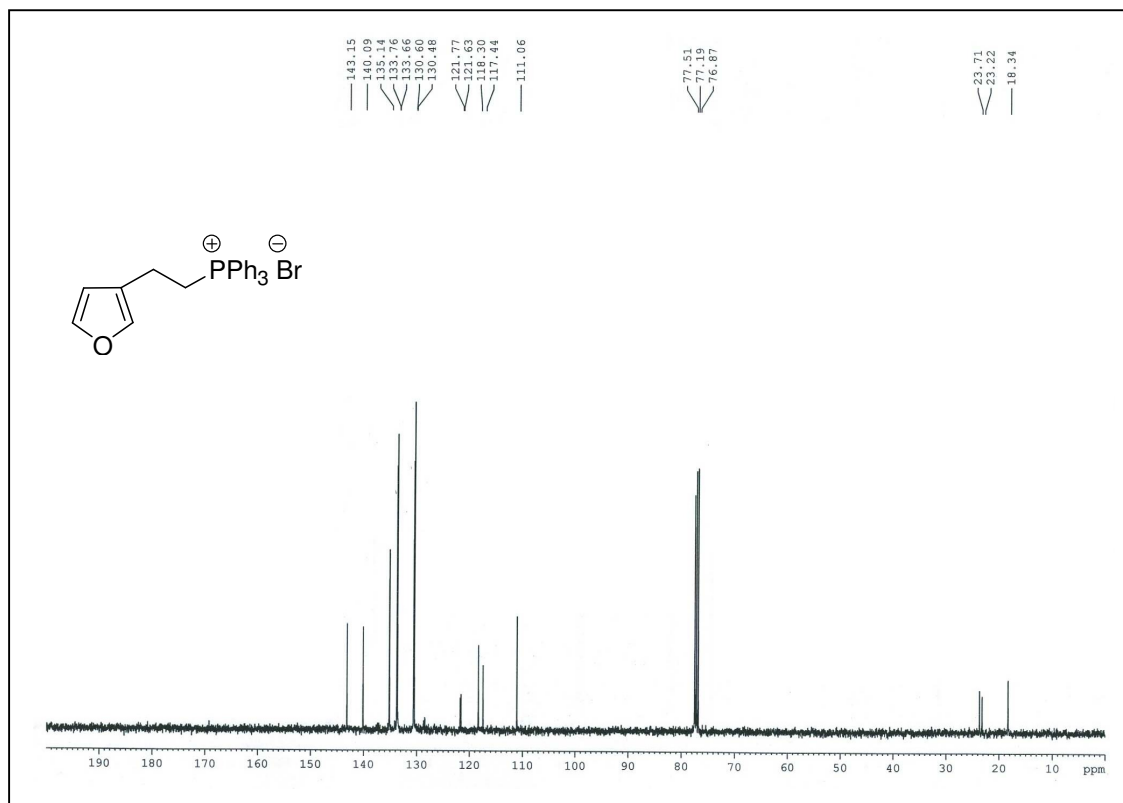
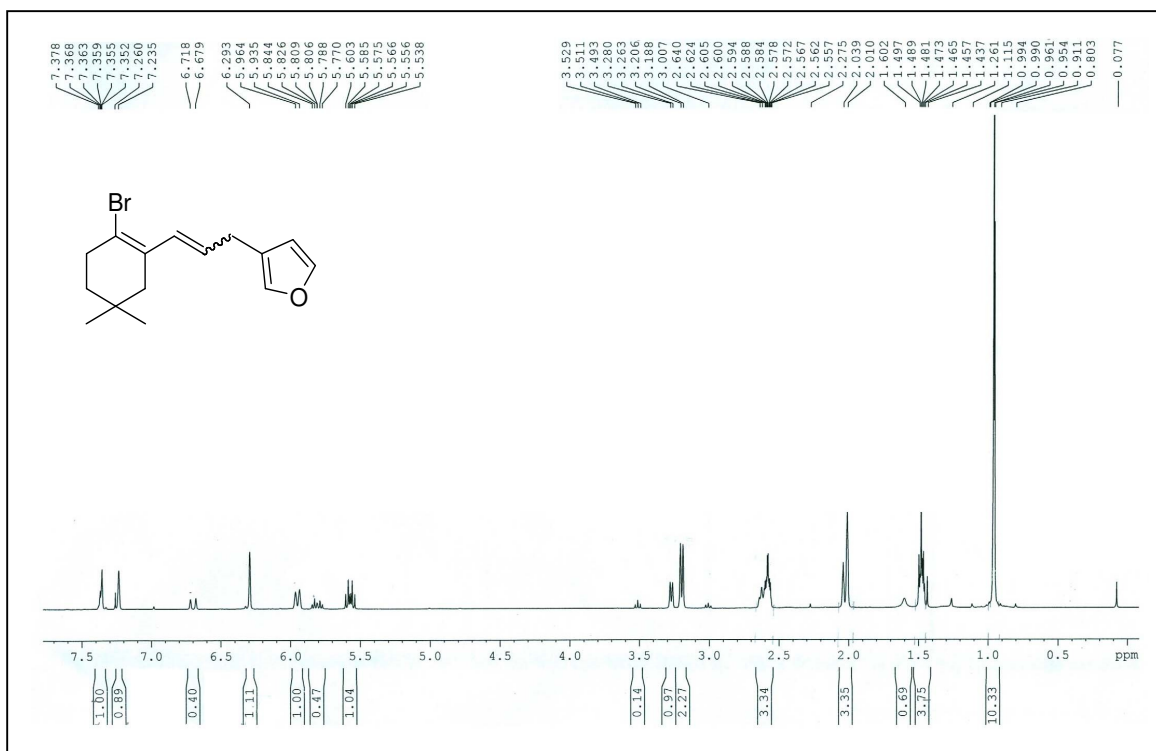
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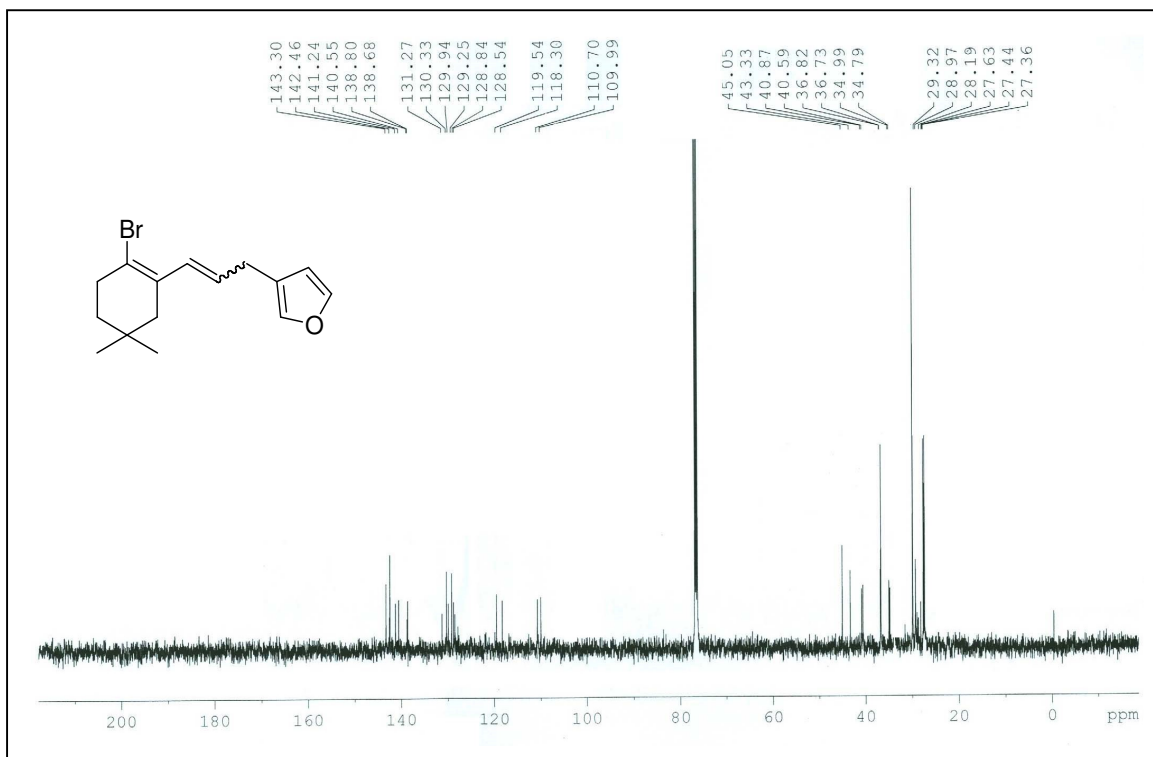
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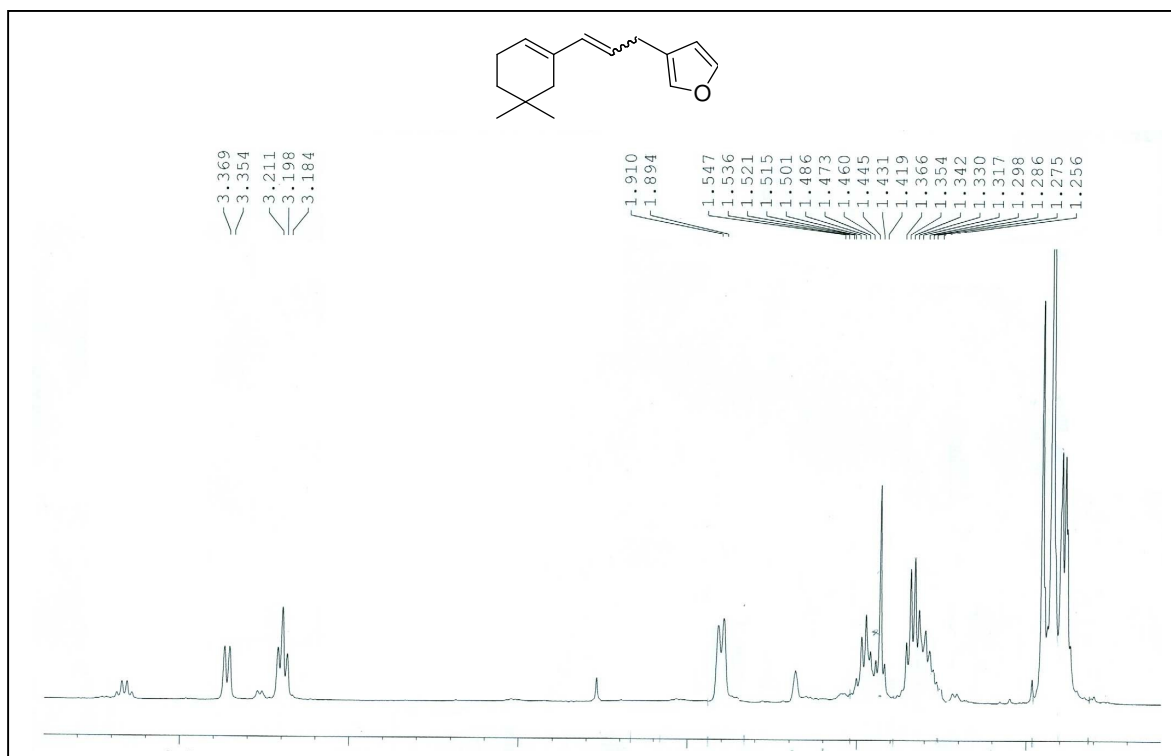
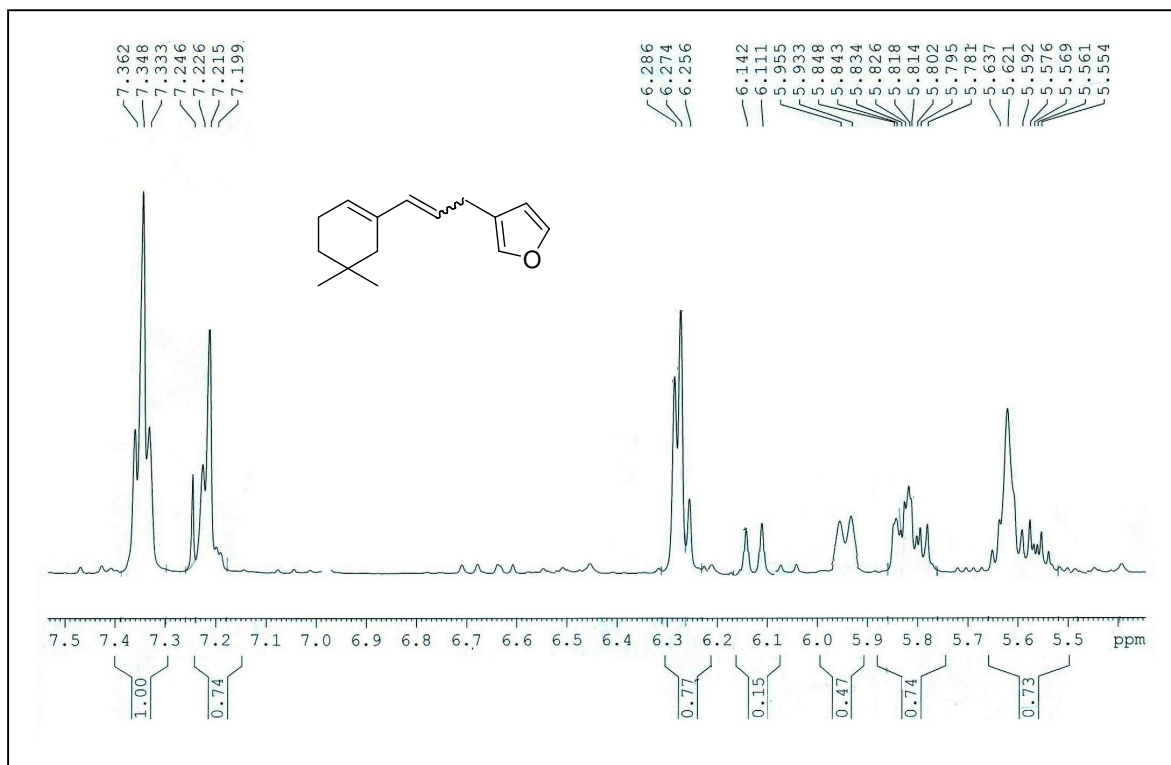
¹ H NMR Spectrum (500 MHz, CDCl ₃) of 5c	S1
¹³ C NMR Spectrum (125 MHz, CDCl ₃) of 5c	S2
¹ H NMR Spectrum (400 MHz, CDCl ₃) of 4	S2
¹³ C NMR Spectrum (100 MHz, CDCl ₃) of 4	S3
¹ H NMR Spectrum (400 MHz, CDCl ₃) of (3 + Z-Isomer).....	S3
¹³ C NMR Spectrum (100 MHz, CDCl ₃) of (3 + Z-Isomer).....	S4
¹ H NMR Spectrum (500 MHz, CDCl ₃) of 1 + Z-isomer	S5
¹³ C NMR Spectrum (125 MHz, CDCl ₃) of 1 + Z-isomer	S6

¹H NMR Spectrum (500 MHz, CDCl₃) of **5c**

^{13}C NMR Spectrum (125 MHz, CDCl_3) of **5c** ^1H NMR Spectrum (400 MHz, CDCl_3) of **4**

^{13}C NMR Spectrum (100 MHz, CDCl_3) of **4** ^1H NMR Spectrum (400 MHz, CDCl_3) of (**3** + Z-Isomer)

^{13}C NMR Spectrum (100 MHz, CDCl_3) of (**3** + Z-Isomer)

^1H NMR Spectrum (500 MHz, CDCl_3) of **1** + Z-isomer

^{13}C NMR Spectrum (125 MHz, CDCl_3) of **1** + Z-isomer