

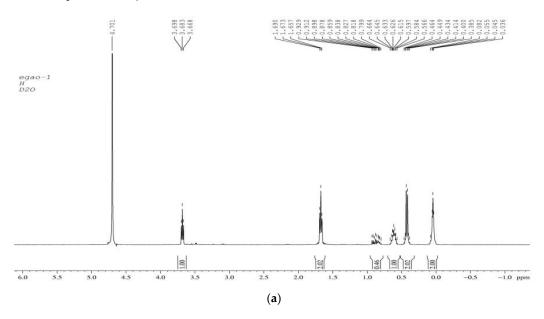
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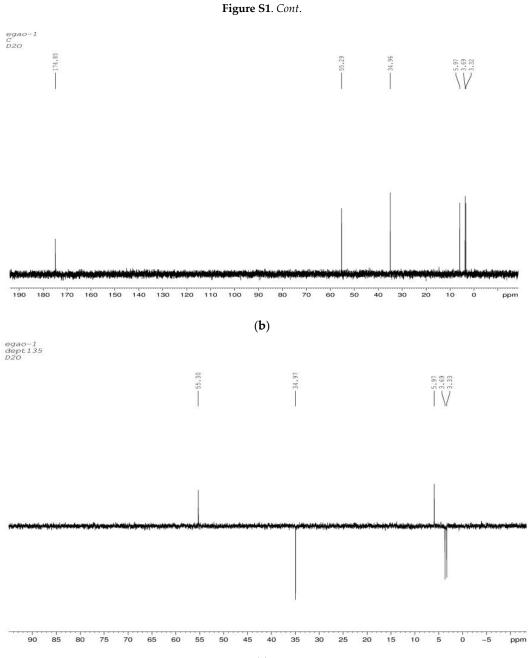


A Novel Antibiotic Mechanism of L-Cyclopropylalanine Blocking the Biosynthetic Pathway of Essential Amino Acid L-Leucine

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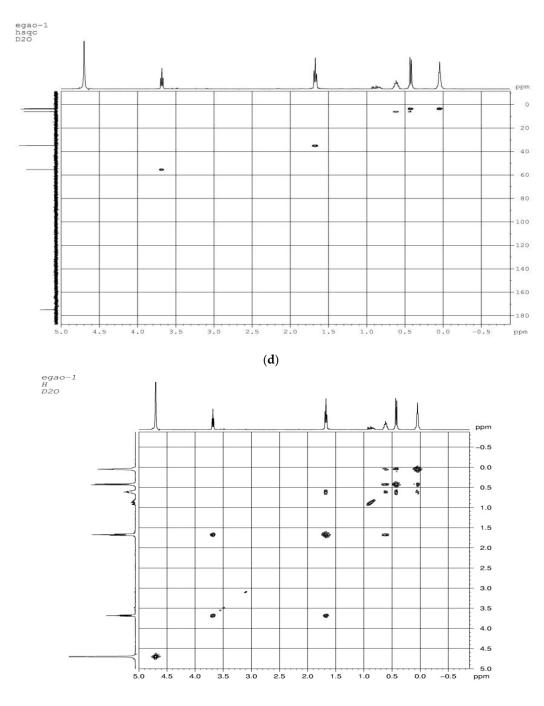




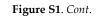
(**c**)

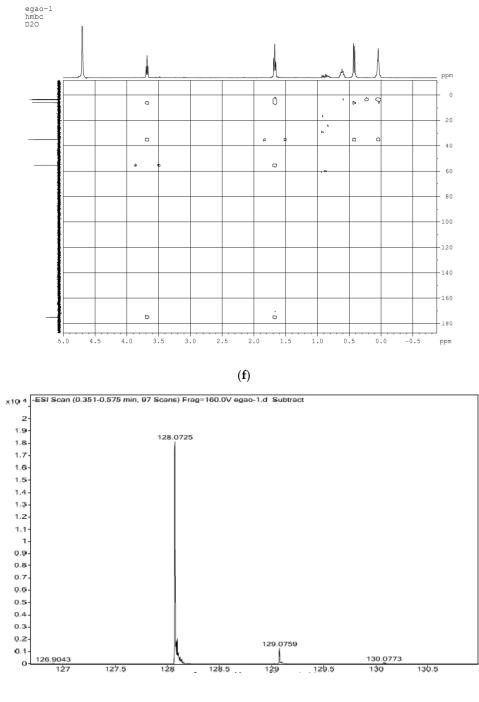
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3





(**g**)

Figure S1. NMR and MS spectral of L-cyclopropylalanine (a: ¹H-NMR; b: ¹³C-NMR; c: DEPT 135; d: HSQC; e: ¹H-¹H COSY; f: HMBC; g: MS)

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Table S1. Inhibitory effects of L-cyclopropylalanine and its derivatives **1**, **2** and **3** on *F. graminearum* Schw

Compounds	IR at 50 µg/mL	IR at 5 µg/mL
L-cyclopropylalanine	77.2	65.5
1	62.8	45.5
2	9.2	8.8
3	5.9	5.0