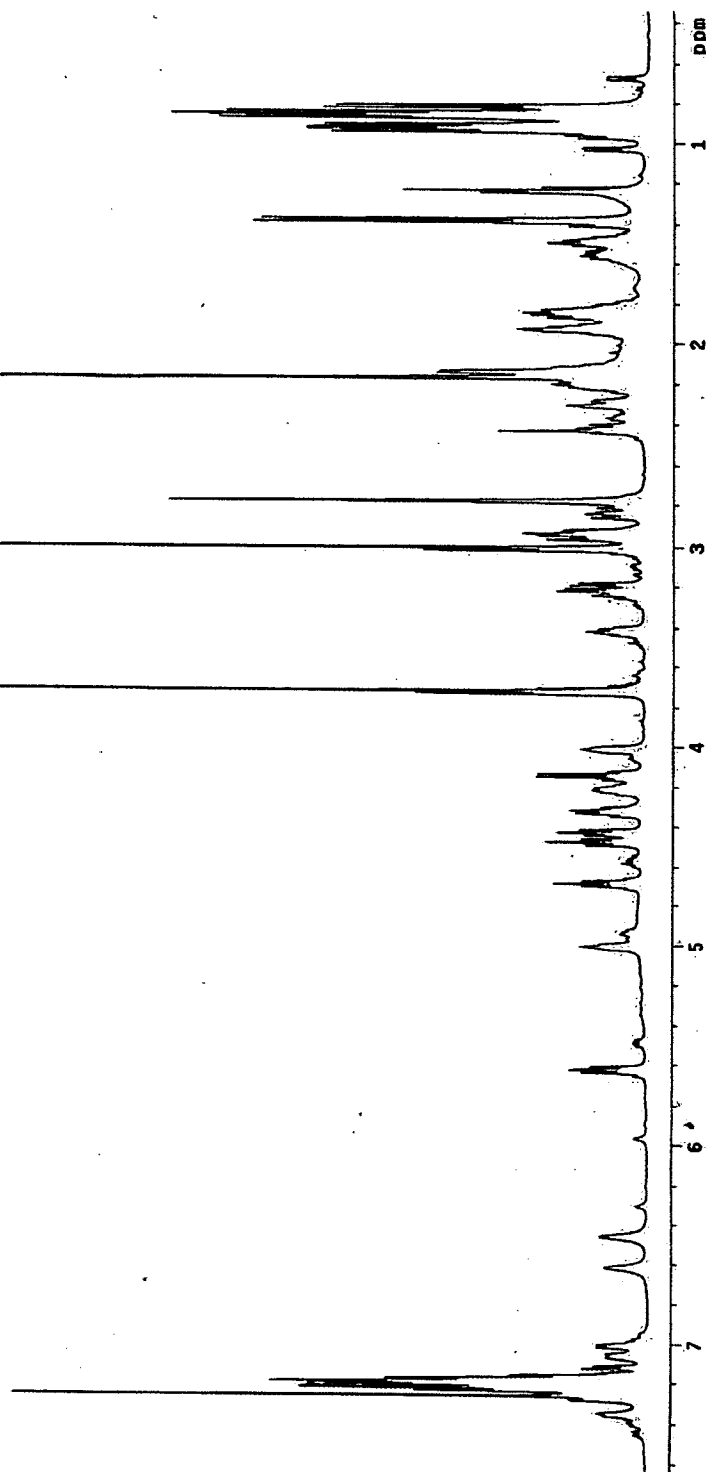


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Figure S1. ¹H NMR Spectrum of Tasiamide B (1) in CDCl₃ at 500 MHz

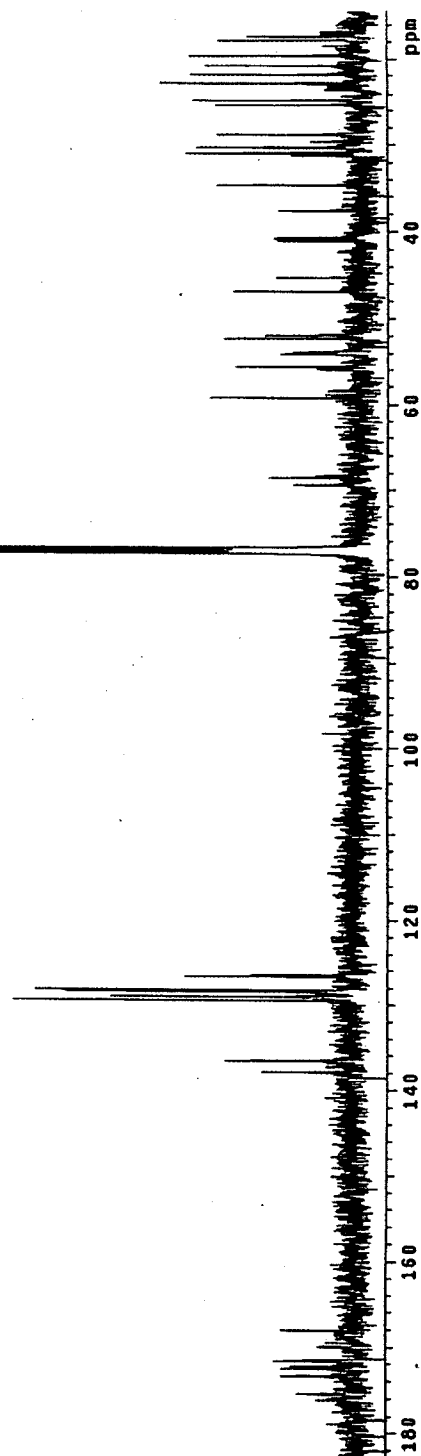
Pulse Sequence: s2pu1
 Solvent: cdcl3
 Temp: 15.0 °C / 288.1 K
 File: pw-8-12-4-18-5-1h1
 INOVA-500 "nono"
 Pulse Sequence
 Pulse 33.7 degrees
 Acq. time 3.581 sec.
 Width 3858.0 Hz
 S2 repetitions
 OBSERVE H1 500.111240 MHz
 DATA PROCESSING
 Time processing 0.3 Hz
 F2 500.111240 MHz
 Total time 1 min, 52 sec



2

Figure S2. ^{13}C NMR Spectrum of Taslamide B (1) in CDCl_3 at 125 MHz

new experiment
Pulse Sequence: zgpg30
Solvent: cdcl3
Temp: 15.0 C / 288.1 K
F1: 125.750445 MHz
F2: 500.136184 MHz
INSTR: spect
PULSE SEQUENCE
Relax: delay 1.500 sec
Pulse: zgpg30
Acq: time 0.201 sec
Width 2875.0 Hz
8024 repetitions
OBSERVE C13, 125.750445 MHz
DECOUPLE H1, 500.136184 MHz
Power 40 dB, on
Cont: continuity on
WALTZ16
DATA PROCESSING
Line broadening 3.0 Hz
FT size 65536
Total time 6 hr, 25 min, 2 sec



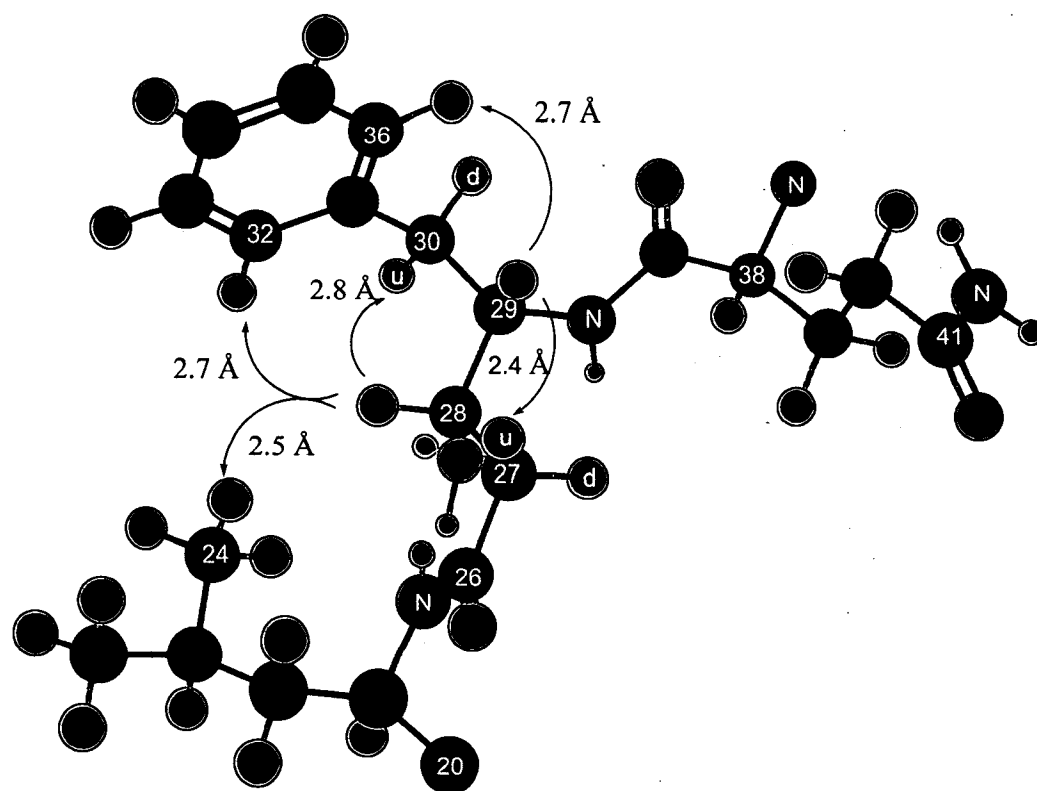


Figure S3. Model of (L-Leu)-(28S,29S-Ahppa)-(L-Glu) fragment with Approximate Interatomic Distances for the ROESY Correlations Observed.