Supporting Information to: Biomimetic Entry to the Sarpagan Family of Indole Alkaloids.

Total Synthesis of (+)-Geissoschizine and (+)-N-Methylvellosimine

*Alexander Deiters, Kevin Chen, C. Todd Eary, and Stephen F. Martin**

Contribution from the Department of Chemistry and Biochemistry
The University of Texas, Austin, Texas 78712, USA
sfmartin@mail.utexas.edu

¹H NMR spectra of compounds **35**, **36**, **38**, **39**, synthetic (+)-**5**, and synthetic (–)-**5**.

33

(300 MHz, CDCl_3)

34

(300 MHz, DMSO)

35

(300 MHz, CDCl₃)

36
(300 MHz, CDCl₃)

38

(300 MHz, CDCl₃)

39

(500 MHz, C₆D₆)

500 MHz ^1H NMR spectrum (CDCl_3)
of synthetic (+)-N-Methylvellosimine

500 MHz ^1H NMR spectrum (CDCl_3)
of synthetic (+)-*N*-Methylvellosimine

500 MHz ^1H NMR spectrum (CDCl_3)
of Prof. Cook's sample of synthetic
(-)-*N*-Methylvellosimine

500 MHz ^1H NMR spectrum (CDCl_3)
of synthetic (+)-N-Methylvellosimine

500 MHz ^1H NMR spectrum (CDCl_3)
of Prof. Cook's sample of synthetic
(-)-N-Methylvellosimine