Supporting Information

Parvifloranine A and B, two eleven carbon alkaloids from *Geijera parviflora*

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Figure 3. Major mass fragments of 1 and 2
Scheme 1. Proposed biosynthesis of Compounds 1 and 2
Figure 4. Proposed mechanism of instability of parvifloranine B
UV spectrum of Parvifloranine A (1)

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IR spectrum of Parvifloranine A (1)
LR-APCIMS spectrum of Parvifloranine A (1)

HR-ESI Mass spectrum of Parvifloranine A (1)
$^1$H NMR spectrum of Parvifloranine A (1) in MeOH

$^1$H-$^1$H COSY spectrum of Parvifloranine A (1) in MeOH
HSQC spectrum of Parvifloranine A (1)

HMBC spectrum of Parvifloranine A (1)
$^{13}$C NMR spectrum of Parvifloranine A (1)

UV spectrum of Parvifloranine B (2)
IR spectrum of Parvifloranine B (2)

LR-APCIMS spectrum of Parvifloranine B (2)
HR-ESI Mass spectrum of Parvifloranine B (2)

1H NMR spectrum of Parvifloranine B (2)
$^1$H-$^1$H COSY spectrum of Parvifloranine B (2) in MeOH
HSQC spectrum of Parvifloranine B (2) in MeOH

HMBC spectrum of Parvifloranine B (2) in MeOH

$^{13}$C NMR spectrum of Parvifloranine B (2)