Supplementary Data

Synthesis of D-Fagomine, its seven and eight-membered higher ring analogues and formal synthesis of (+)-Australine from L-xylose derived chiron

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$^1$H and $^{13}$C NMR spectra of compound 1 (Fagomine.HCl)
This sample was measured on an Autopol III, serial number 30166, manufactured by Rudolph Research Analytical, Hackettstown, NJ, USA.

| Wavelength | 989 nm |
| Scale      | Specific Rotation |
| Cell Length | 100.00 mm |
| Concentration | 0.2400% |

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Counts = 10  
Average = 7.8630  
Std.Dev. = 0.1764  
Maximum = 7.972  
Minimum = 7.587

Specific rotation of compound 1
$^1$H and $^{13}$C NMR spectra of compound 15
$^1$H and $^{13}$C NMR spectra of compound 16
$^1$H and $^{13}$C NMR spectra of compound 7
$^1$H and $^{13}$C NMR spectra of compound 8
$^1$H and $^{13}$C NMR spectra of compound 2
1H and 13C NMR spectra of compound 17
$^1$H and $^{13}$C NMR spectra of compound 9
$^1$H and $^{13}$C NMR spectra of compound 18
$^1$H and $^{13}$C NMR spectra of compound 3
$^1$H and $^{13}$C NMR spectra of compound 19
\(^1\)H and \(^{13}\)C NMR spectra of compound 21
$^1$H and $^{13}$C NMR spectra of compound 23
$^1$H and $^{13}$C NMR spectra of compound 24
$^1$H and $^{13}$C NMR spectra of compound 25
$^1$H and $^{13}$CNMR spectra of compound 26
$^1$H and $^{13}$C NMR spectra of compound 27
$^1$H and $^{13}$C NMR spectra of compound 28