

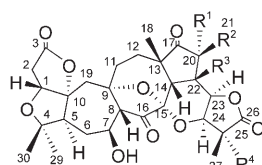
Structure Characterization and Possible Biogenesis of Three New Families of Nortriterpenoids: Schisanartane, Schiartane, and 18-Norschiartane

Rong-Tao Li,* Wei-Lie Xiao, Yun-Heng Shen, Qin-Shi Zhao, and Han-Dong Sun*^[a]

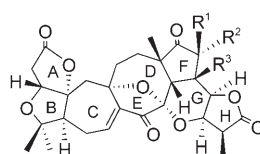
In the paper by R.-T. Li, H.-D. Sun et al.,^[1] the authors neglected the fact that X-ray analyses are unable to distinguish mirror images. Consequently, all of the structures depicted in this manuscript should be amended to the corresponding enantiomers shown below. Figure 4 and Schemes 1–3 have also been corrected, and revised data are listed in the amended Table 1. The authors apologize for these errors and thank Professor Duilio Arigoni for bringing this matter to their attention.

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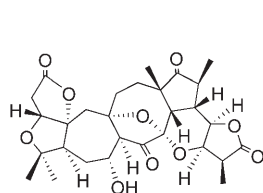
[1] R.-T. Li, W.-L. Xiao, Y.-H. Shen, Q.-S. Zhao, H.-D. Sun *Chem. Eur. J.* **2005**, *11*, 2989–2996.



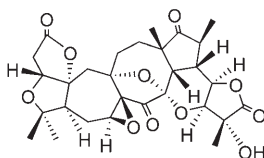
	R ¹	R ²	R ³	R ⁴
1	OH	CH ₃	H	H
2	CH ₃	OH	H	H
5	OH	CH ₃	OH	H
9	CH ₃	H	H	H
11	H	CH ₃	H	H
13	CH ₃	H	H	OH



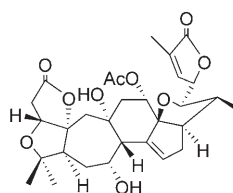
	R ¹	R ²	R ³
3	OH	CH ₃	H
6	CH ₃	OH	H
7	CH ₃	OH	OH
8	H	CH ₃	H
12	CH ₃	H	H



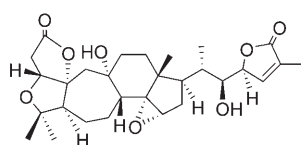
4



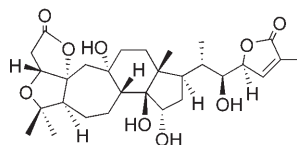
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14



15



16

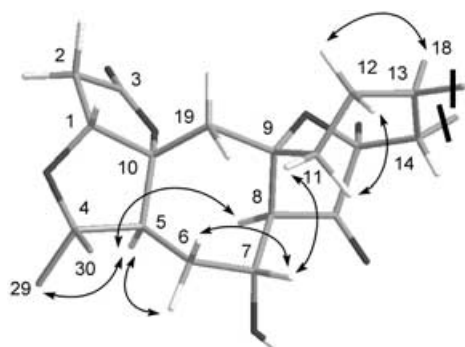
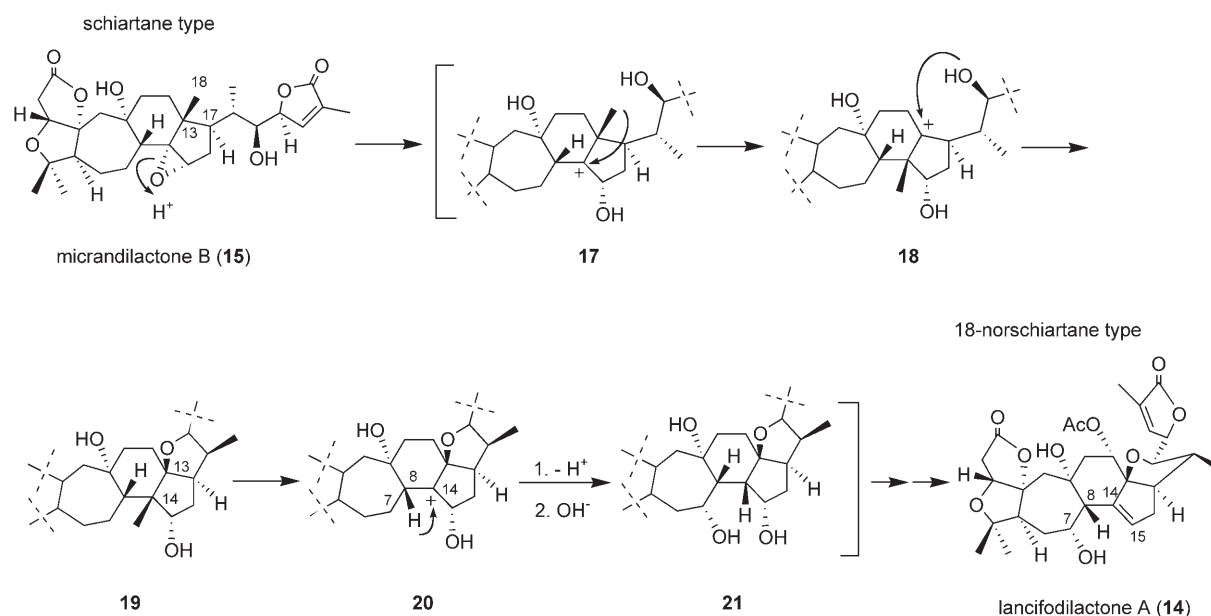


Figure 4. Revised selected ROESY correlations for **4**.

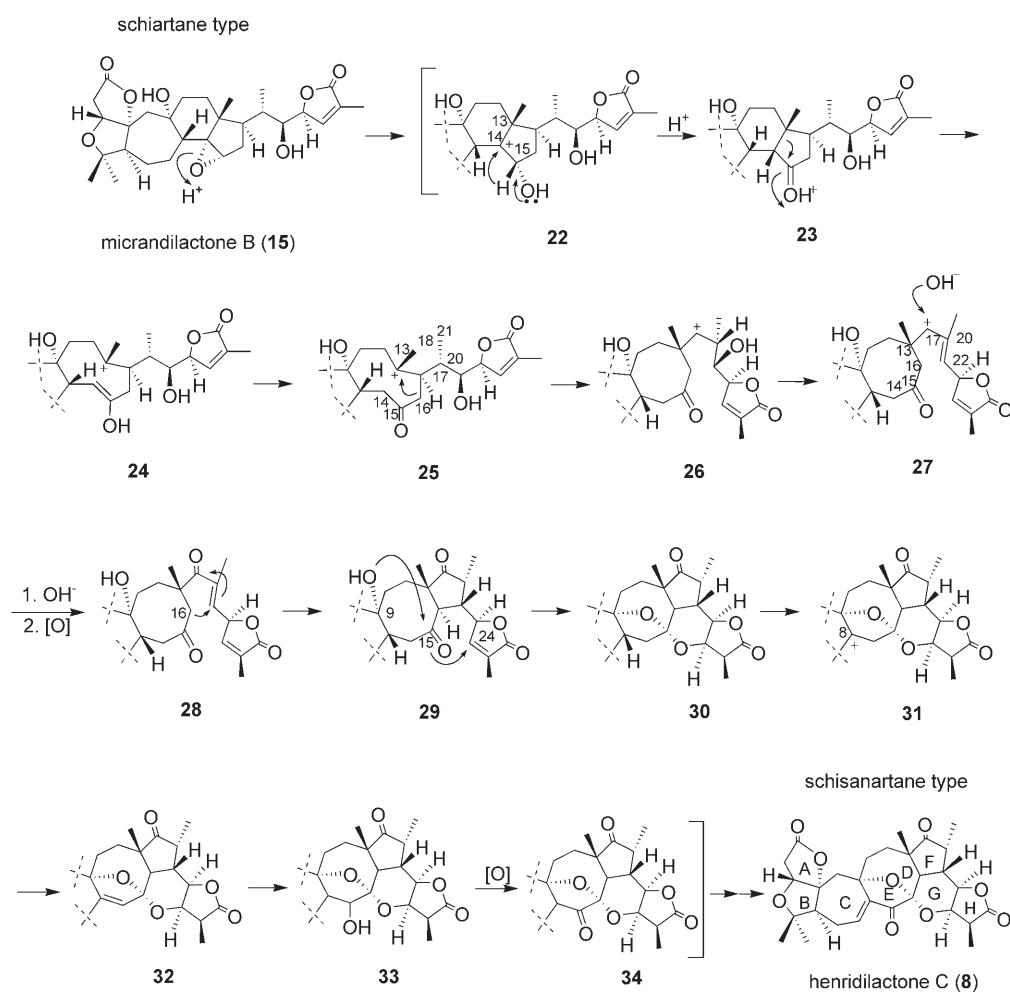


Scheme 1. Revised plausible biogenetic pathway of the 18-norschiartane type of compounds.

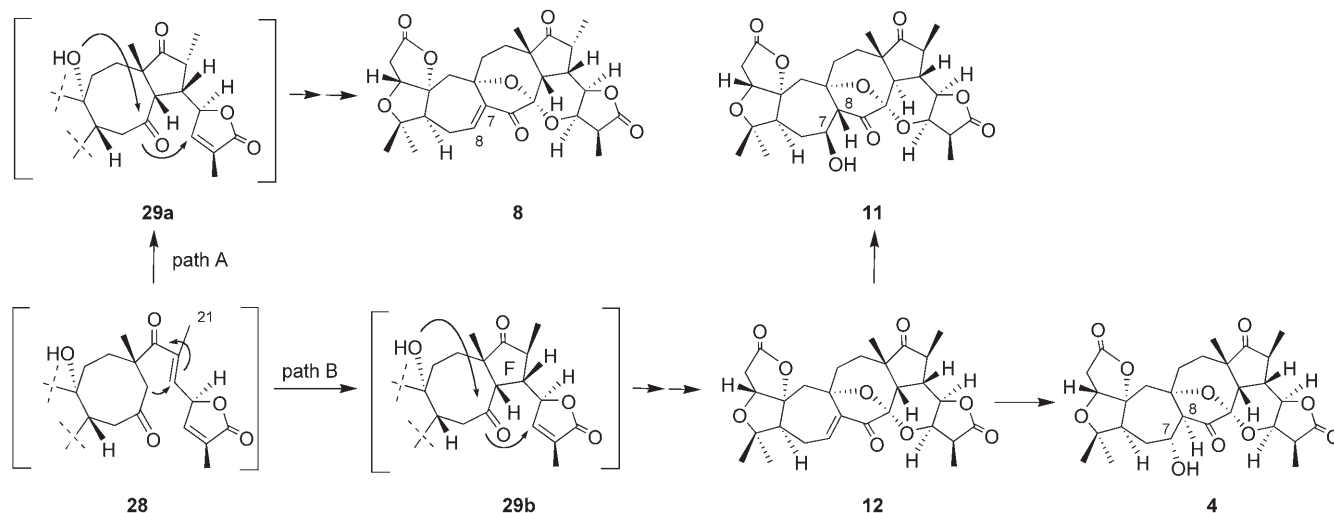
Table 1. Revised ^1H NMR spectroscopic data for compounds **1–4** in $\text{C}_5\text{D}_5\text{N}$.^[a]

Proton	1	2	3	4
2 α	2.71 (d, 15.0)	2.65 (d, 18.6)	2.77 (d, 18.9)	2.85 (d, 14.5)
2 β	2.87 (dd, 5.1, 15.0)	3.08 (dd, 6.0, 18.6)	3.13 (dd, 6.3, 18.9)	3.19 (dd, 4.3, 14.5)
6 α	2.20 (overlap)	2.06 (m)	2.16 (m)	1.79 (m)
6 β	2.08 (m)			1.64 (m)
11 α	1.98 (m)	1.92 (m)	2.09 (m)	2.00 (m)
11 β	1.73 (m)	1.77 (m)	1.70 (m)	1.70 (m)
12 α	1.86 (m)	1.92 (overlap)	1.94 (m)	1.82 (m)
12 β	1.62 (m)	1.60 (m)	1.46 (m)	1.52 (m)
19 α	2.19 (AB d, 12.7)	2.18 (AB d, 16.1)	2.34 (d, 2.3)	1.93 (AB d, 13.3)
19 β	2.49 (AB d, 12.7)	2.52 (AB d, 16.1)		2.45 (AB d, 13.3)
29	1.04 (s)	1.14 (s)	1.03 (s)	1.05 (s)
30	1.23 (s)	1.32 (s)	1.22 (s)	1.28 (s)

[a] Data were recorded on a Bruker DRX-500 MHz spectrometer, chemical shift values δ are in ppm, and the coupling constant J is in Hz (in parentheses).



Scheme 2. Revised hypothetical biogenetic route of the schisanartane type of compounds.



Scheme 3. Revised proposed biogenetic interrelations among the schisanartane compounds.