Supplementary Materials: New 30-Noroleanane Triterpenoid Saponins from *Holboellia coriacea* Diels

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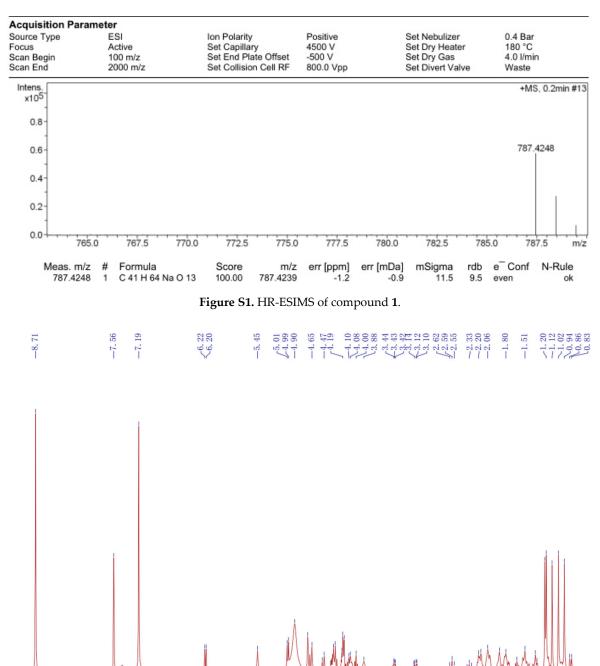


Figure S2. ¹H-NMR of compound 1.

5.0

4.5

F98

3.5

3.0

4.0

2.5

2.0

1.5

1.0

F00

6.0

6.5

9.0

8.5

8.0

7.5

7.0

F86

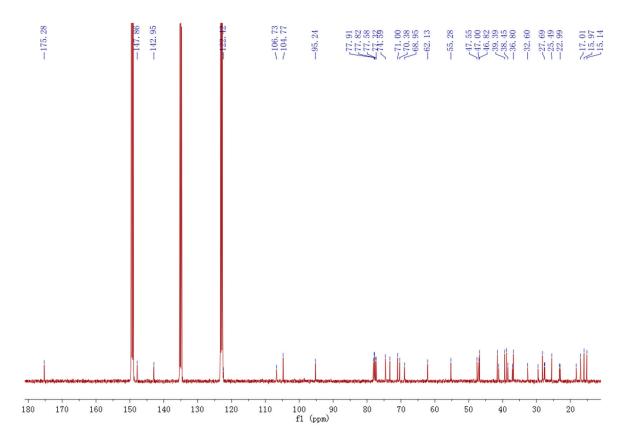


Figure S3. ¹³C-NMR of compound **1**.

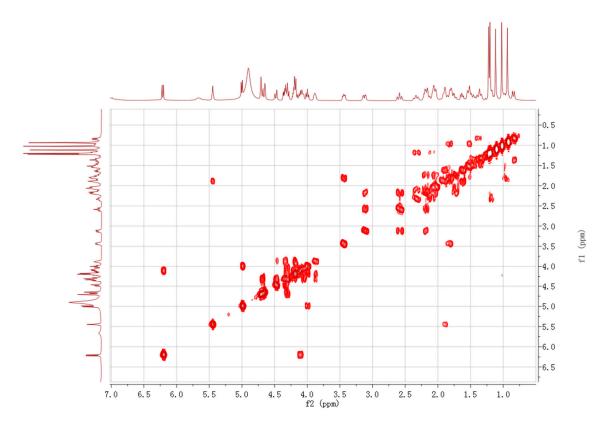


Figure S4. ¹H-¹H COSY of compound 1.

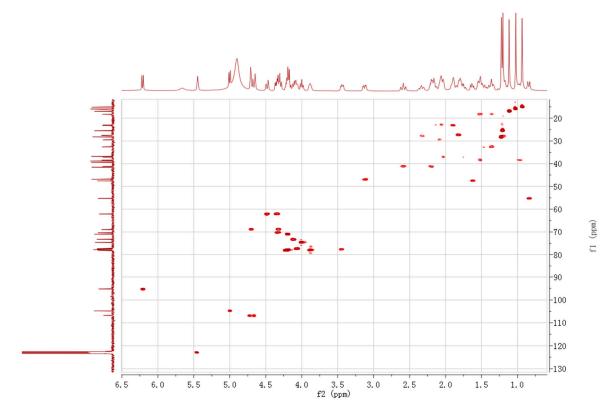


Figure S5. HSQC of compound 1.

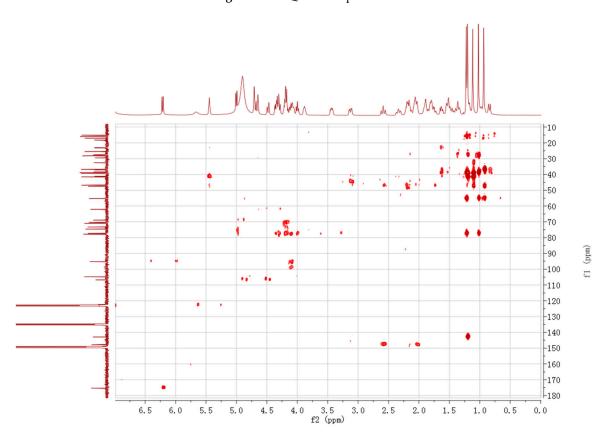


Figure S6. HMBC of compound **1**.

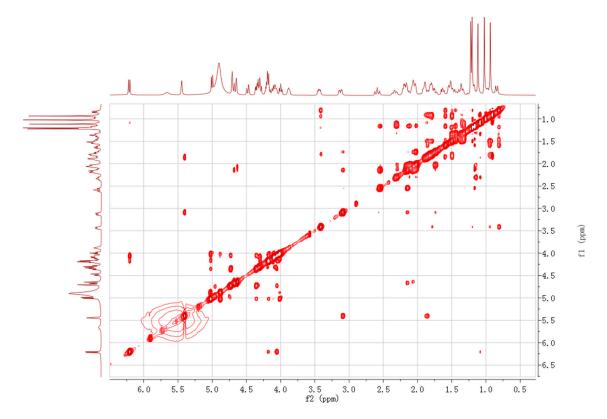


Figure S7. NOESY of compound **1**.

Acquisition Parameter														
Source Type Focus Scan Begin Scan End	ESI Active 100 m/z 2000 m/z			Set Set	Polarity Capillary End Plate Collision C		Negative 3800 V -500 V 550.0 Vpp		Set Nebulizer Set Dry Heater Set Dry Gas Set Divert Valve			0.4 Bar 180 °C 4.0 I/min Waste		
Intens x10 ⁵												-MS, (0.3min #	19
3-														
2										961	.4378			
1-														
920	92	25	930	935	940	-, -	945	950	955	960	البلبل	965	n	n/z
Meas. 925.4 961.4	1610	# 1 1	Formula C 50 H 69 O 16 C 50 H 70 Cl O 16	100	ore 0.00 925.4 0.00 961.4	4591	err [ppm] -2.0 -2.1	err [mDa] -1.9 -2.0	mSigma 36.6 35.3	rdb 16.5 15.5	e Cor even even	nf N-R	Rule ok ok	

Figure S8. HR-ESIMS of compound 2.

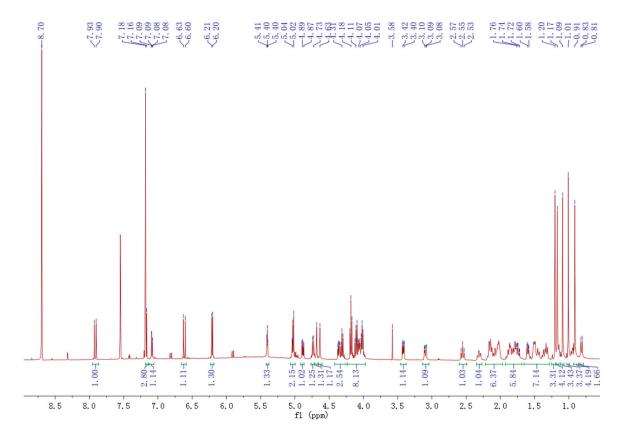


Figure S9. ¹H-NMR of compound 2.

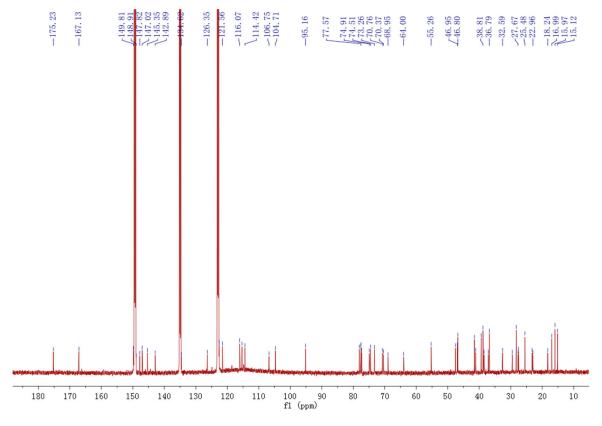


Figure S10. ¹³C-NMR of compound 2.

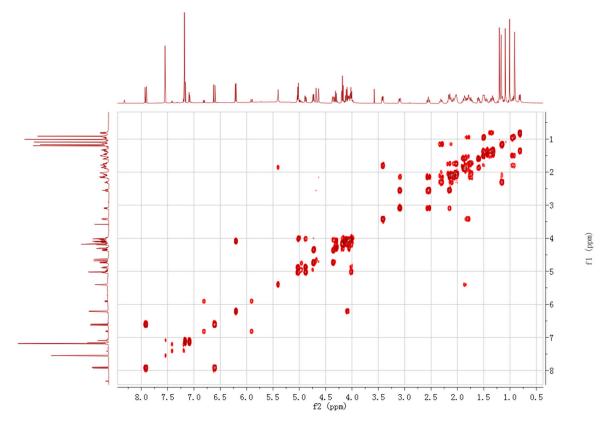


Figure S11. ¹H-¹H COSY of compound 2.

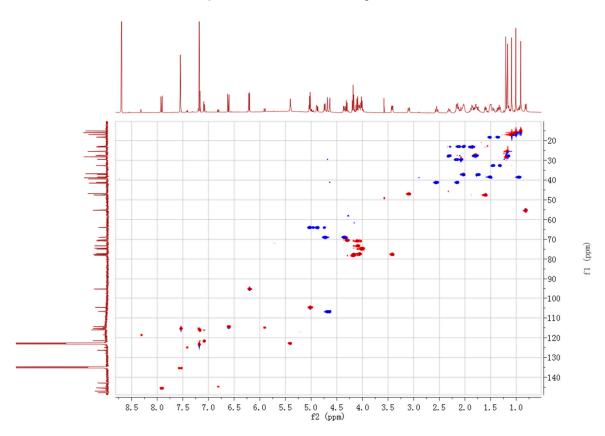


Figure S12. HSQC of compound 2.

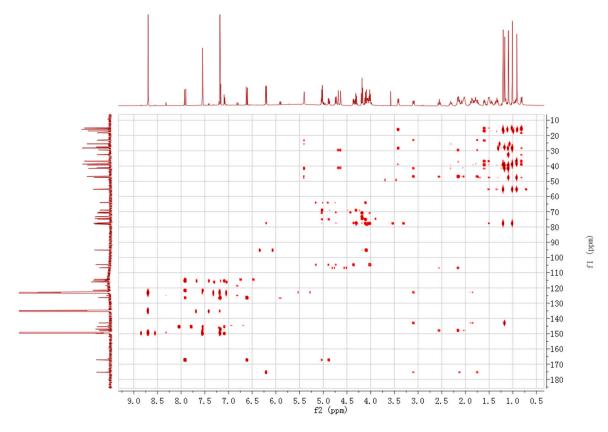


Figure S13. HMBC of compound 2.

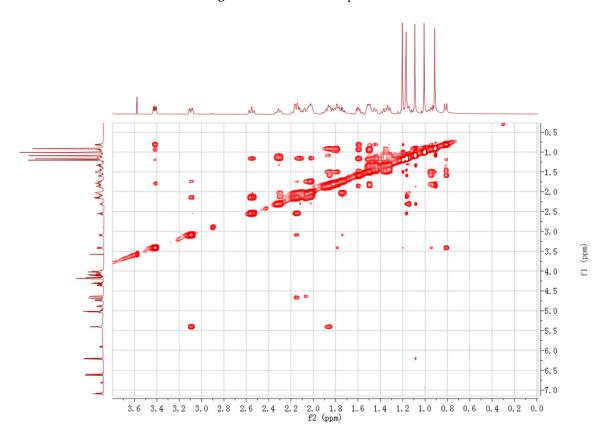


Figure S14. NOESY of compound 2.

Acquisition Parameter

Source Type Focus Negative 3800 V -500 V 550.0 Vpp 0.4 Bar 180 °C 4.0 l/min Ion Polarity ESI Set Nebulizer Set Capillary Set End Plate Offset Set Dry Heater Set Dry Gas Active Scan Begin Scan End 100 m/z Set Divert Valve 2000 m/z Set Collision Cell RF Waste Intens. x10⁵ -MS, 0.8min #50 1.5 797.4109 1.0 0.5 833.3877 826.3898 815.3972 0.0 790 800 810 840 m/z mSigma 25.2 # Meas. m/z 797.4109 Formula Score 100.00 m/z 797.4118 err [mDa] rdb e Conf N-Rule err [ppm] C 44 H 61 O 13 14.5 even ok Figure S15. HR-ESIMS of compound 3.

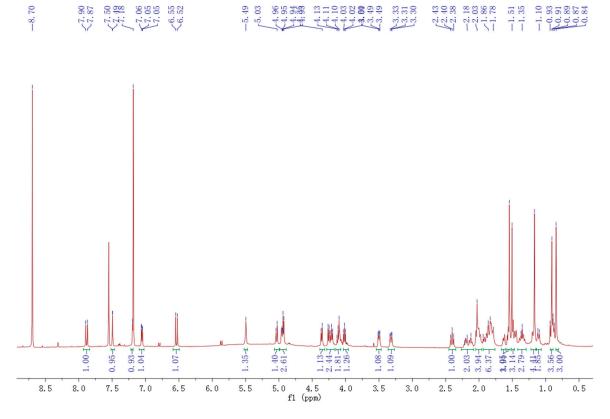


Figure S16. ¹H-NMR of compound 3.

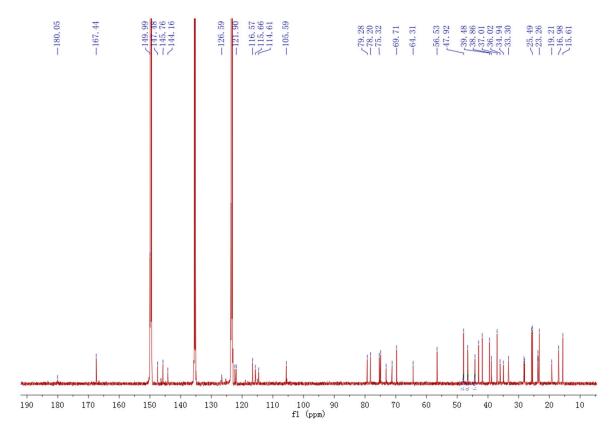


Figure S17. ¹³C-NMR of compound 3.

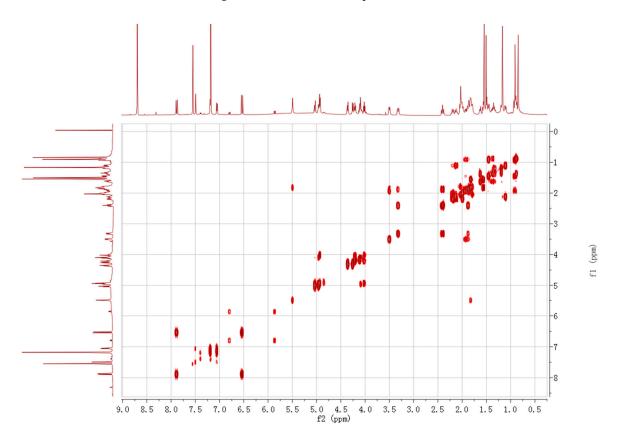


Figure S18. ¹H-¹H COSY of compound 3.

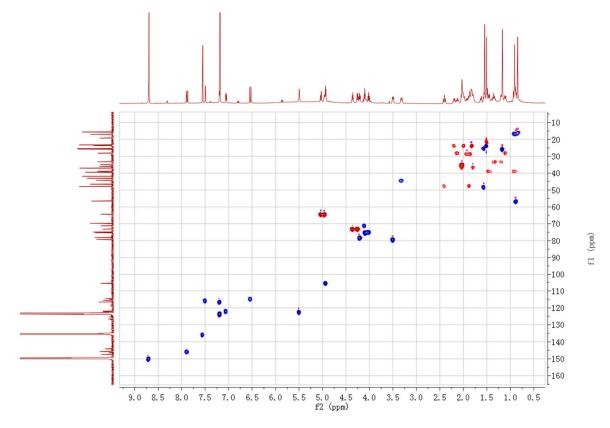


Figure S19. HSQC of compound 3.

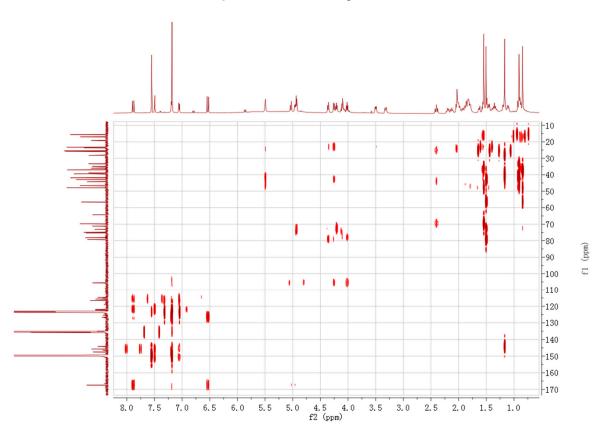


Figure S20. HMBC of compound 3.

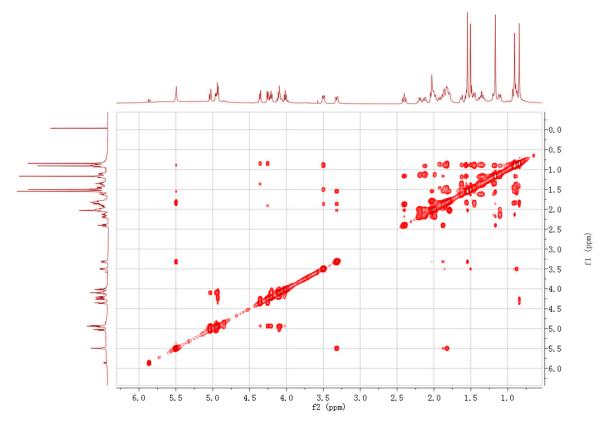


Figure S21. NOESY of compound **3**.