Supporting Information

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A New Ssquiterpene and Known Alkaloids from *Toddalia asiatica* and Their Inhibitions Against Phosphodiesterase-4

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Table of Contents	Page

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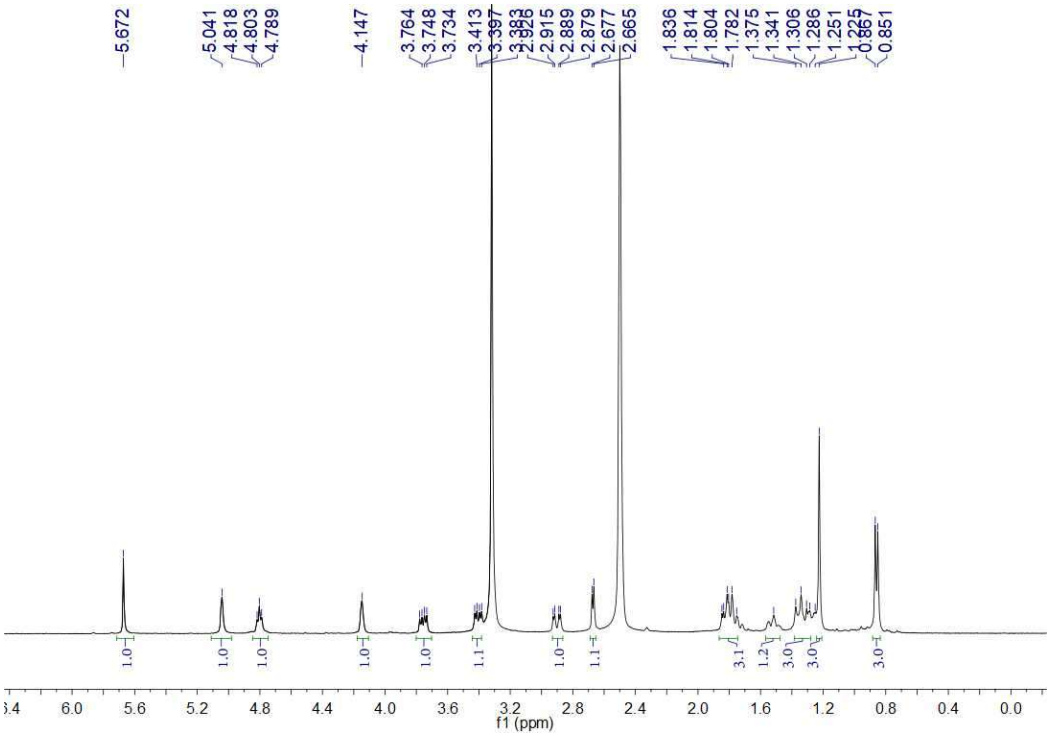


Figure S1: ^{1}H NMR Spectrum of **1** in DMSO-d_6 (400 MHz)

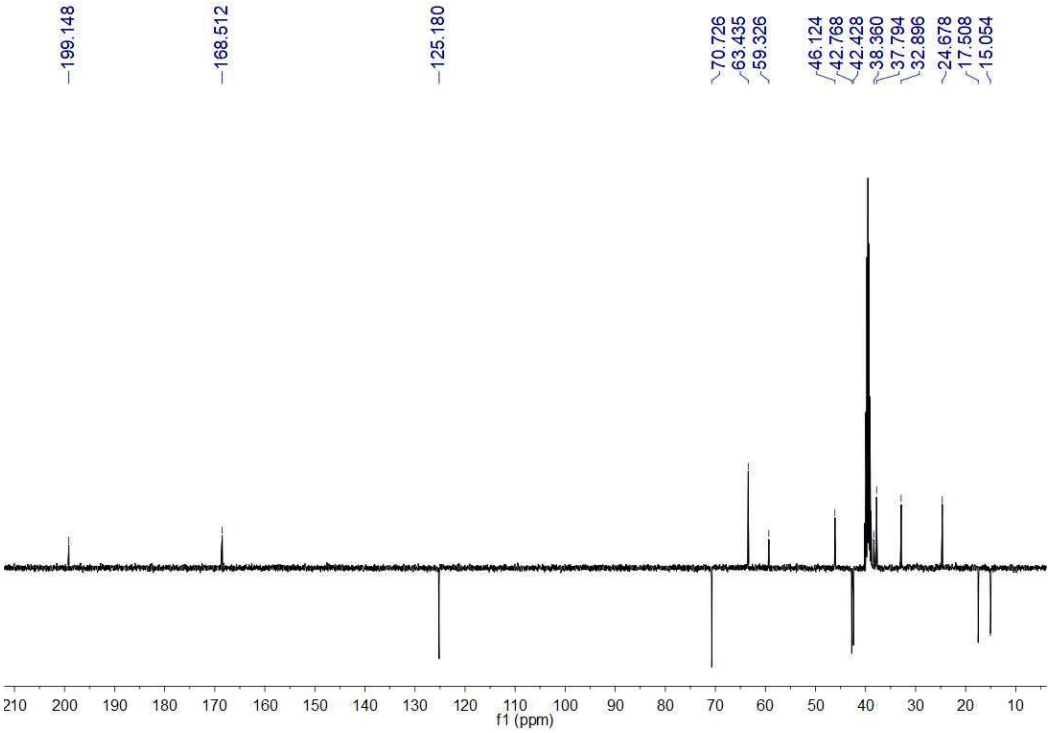


Figure S2: ^{13}C NMR Spectrum of **1** in DMSO-d_6 (100 MHz)

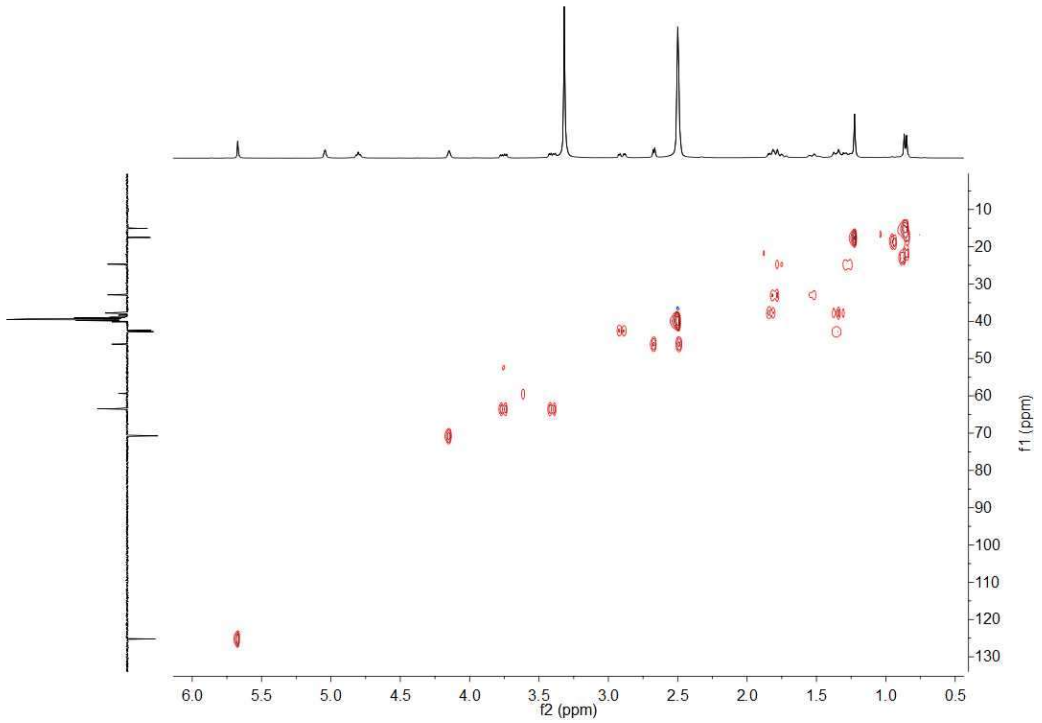


Figure S3: HSQC Spectrum of **1** in DMSO-d_6

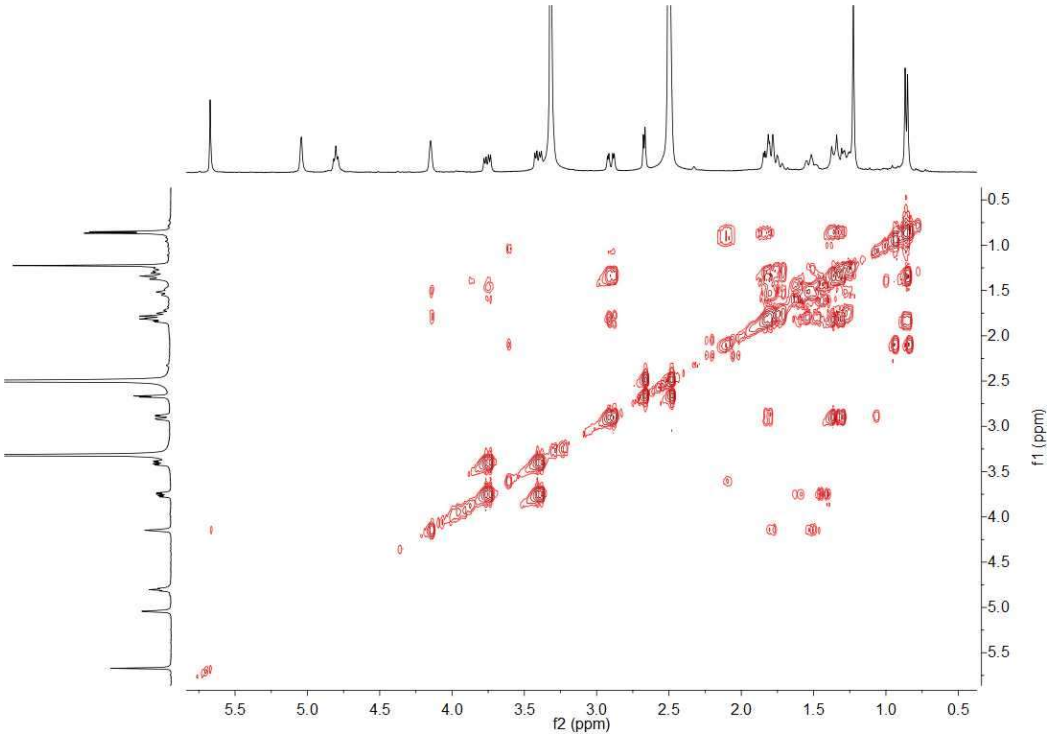


Figure S4: ^{1}H-^{1}H COSY Spectrum of **1** in DMSO-d_6

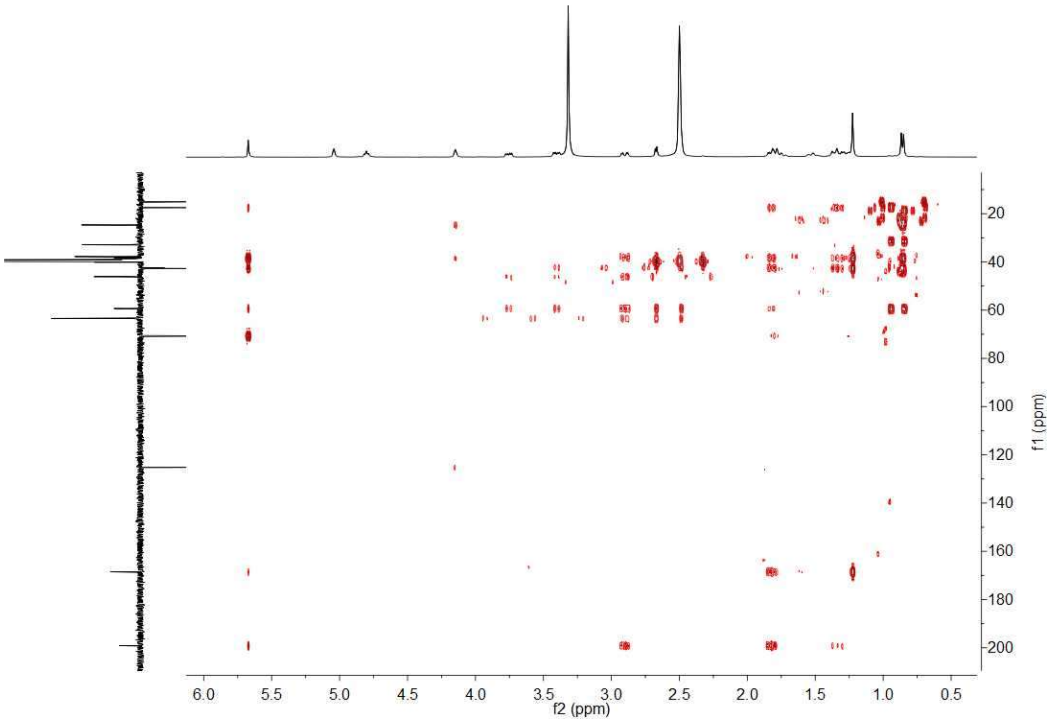


Figure S5: HMBC Spectrum of **1** in DMSO-d_6

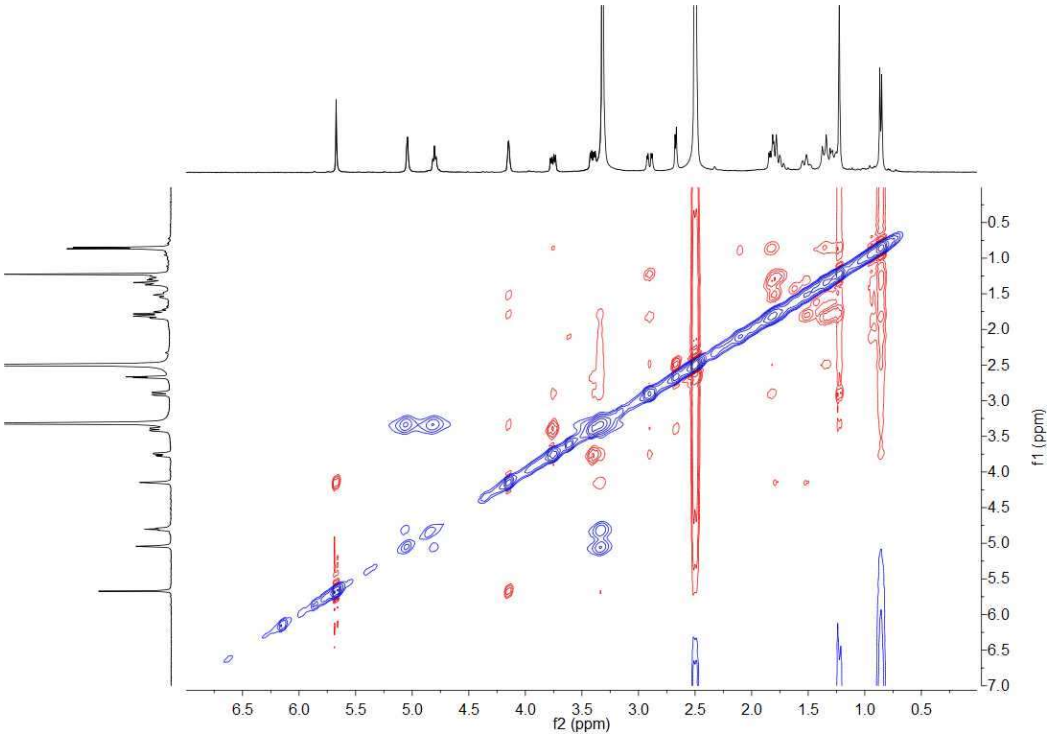


Figure S6: NOESY Spectrum of **1** in DMSO-d_6

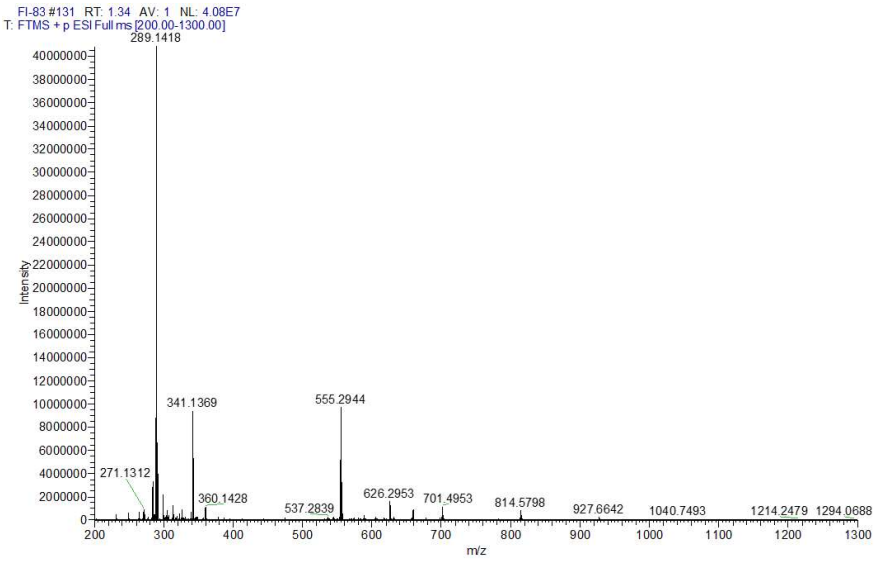
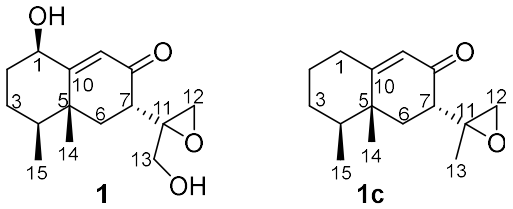


Figure S7: HRESIMS spectrum of **1.**



1 **1c**

Table S1. NMR data of **1** and its analogue (**1c**: 7*β*-H-9(10)-ene-11,12-epoxy-8-oxoeremophilane)

No.	**1** [a]		**1c** [b]	
	δ_H	δ_C	δ_H	δ_C
1	4.15, br s	70.7, CH	2.08–2.10, m 2.44, overlapped	33.0, CH_2
2	1.29-1.38, m 1.79-1.86, m	37.8, CH_2	1.24–1.26, m; 1.96–1.99, m	29.5, CH_2
3	1.23-1.31, m 1.74-1.81, m	24.7, CH_2	1.51–1.54, m 1.59–1.64, m	30.4, CH_2
4	1.31-1.39, m	42.8, CH	1.83–1.85, m	38.6, CH
5		38.3, C		40.3, C
6	1.50-1.56, m 1.77–1.82, m	32.9, CH_2	2.08, dd (4.7, 14.0) 1.51, dd (13.7, 14.0)	34.3, CH_2
7	2.90, dd (14.6, 3.8)	42.4, CH	2.45, dd (4.7, 13.7)	47.5, CH
8		199.2, C		198.5, C
9	5.69, s	125.2, CH	5.74, s	122.9, CH
10		168.5, C		172.2, C
11		59.3, C		56.2, C
12	2.49, d (4.4); 2.67, d (4.4)	46.1, CH_2	2.55, d (4.3) 2.60, d (4.3)	51.2, CH_2
13	3.41, d (12.3, 5.7) 3.76, d (12.3, 5.9)	63.9, CH_2	1.44, s	21.2, CH_3
14	1.22, s	17.5, CH_3	1.08, s	20.8, CH_3
15	0.86, d (6.7)	15.1, CH_3	0.93, d (6.7)	16.2, CH_3
1-OH	5.05, br s			
13-OH	4.80, dd (5.9, 5.7)			

[a] ^1H NMR recorded at 400 MHz in DMSO-d_6, ^{13}C NMR recorded at 100 MHz in DMSO-d_6.

[b] ^1H NMR recorded at 500 MHz in $CDCl_3$, ^{13}C NMR recorded at 125 MHz $CDCl_3$

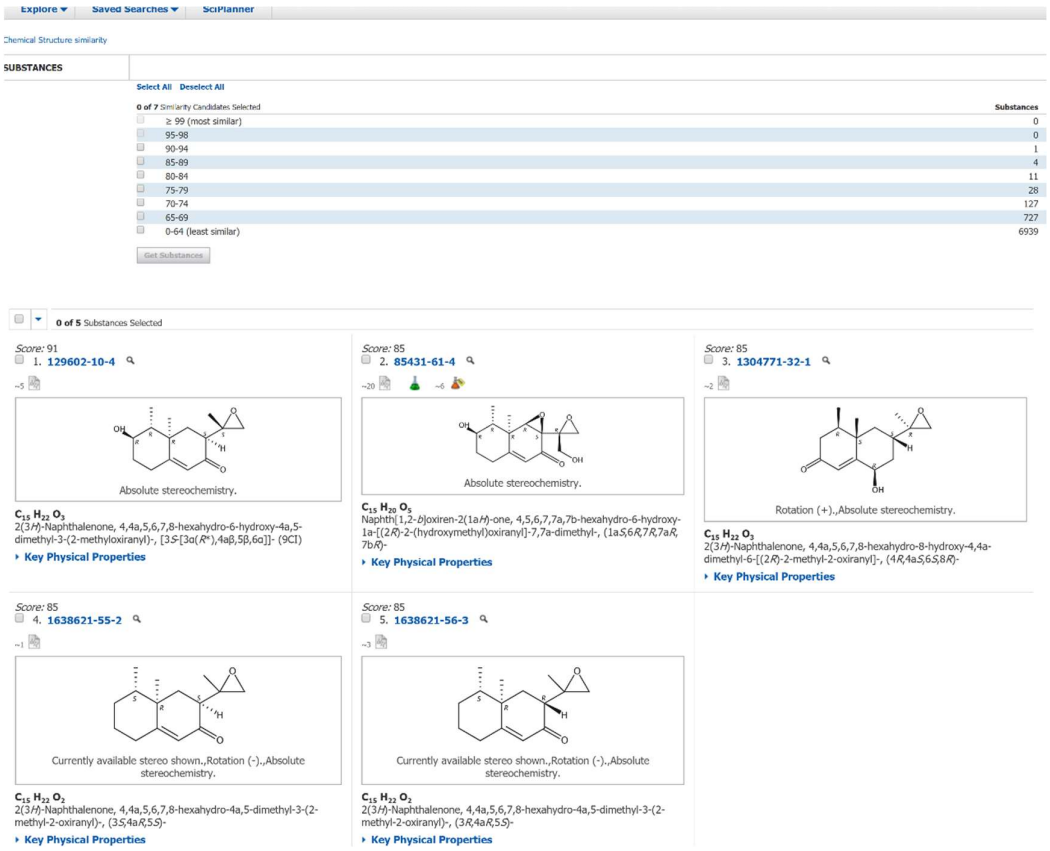


Figure S8: Scifinder report for **1**