Supporting Information

***Rec. Nat. Prod*. X:X (202X) XX-XX**

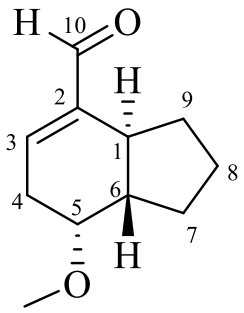
Anti-Inflammatory Components from the Fruits of *Amomum aromaticum*

Nguyen Hai Dang[1], Le Nguyen Thanh[2*], Do Hoang Giang[3] and Nguyen Tien Dat[3]

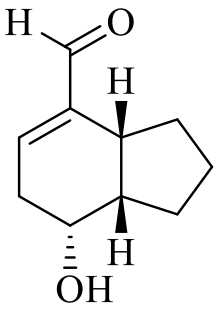
[1]University of Science and Technology of Hanoi, Vietnam Academy of Science and Technology (VAST), 18 Hoang Quoc Viet, Cau Giay, Hanoi, Vietnam
[2]Institute of Marine Biochemistry, VAST, 18 Hoang Quoc Viet, Cau Giay, Hanoi, Vietnam
[3]Center for Research and Technology Transfer, VAST, 18 Hoang Quoc Viet, Cau Giay, Hanoi, Vietnam

Table of Contents	Page

Table S1: NMR spectral data of compound **1** and **2**



1



2

C	**1** ($CDCl_3$)		**2** ($CDCl_3$)	
	δ_C[a]	δ_H[b] (m, *J*, Hz)	δ_C[a]	δ_H[b] (m, *J*, Hz)
1	35.4	2.35 (1H, m, H-1)	37.5	2.95 (1H, m)
2	145.2	-	144.8	-
3	148.5	6.57 (1H, dd, *J* = 4.0 Hz, 2.0 Hz)	146.7	6.63 (1H, ddd, 5.0, 3.0, 1.0)
4	32.6	2.72 (1H, ddd, *J* = 20.5, 4.0, 2.0 Hz, H-4*α*) 2.43 (1H, ddd, *J* = 20.5, 4.0, 2.0 Hz, H-4*β*)	31.4	2.38 (1H,m, H-4*α*) 2.43 (1H, ddd, *J* = 20.5, 4.0, 2.0 Hz, H-4*β*)
5	74.4	3.68 (1H, br d, *J* = 4.0 Hz	68.6	4.02 (1H, ddd, 9.0, 5.0, 4.5)
6	47.8	1.45 (1H, m, H-6)	43.0	2.41 (1H, m)
7	24.2	1.58 (2H, m, H-7)	25.2	1.75 (1H, m, H-7*α*) 1.54 (1H, m, H-7*β*)
8	22.3	1.73 (2H, m, H-8)	24.9	1.73 (2H, m, H-8)
9	27.6	2.50 (1H, m, H-9*α*) 1.17 (ddd, *J* = 12.5, 10.0, 9.5 Hz, H-9*β*)	32.4	2.08 (1H, m, H-9*α*) 1.39 (1H, m, H-9*β*)
10	193.7	9.41 (1H, s)	193.9	9.38 (1H, s)
OMe	57.4	3.37 (3H, s)	-	-

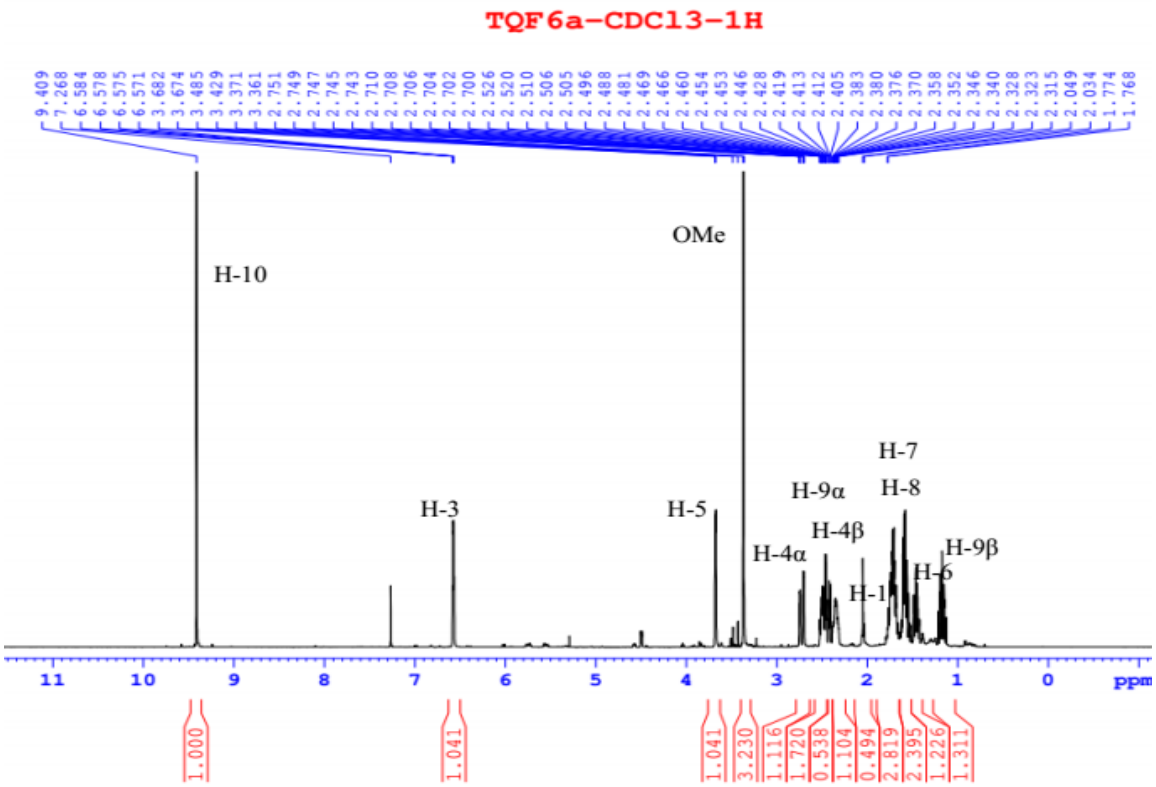


Figure S1: [1]H-NMR spectrum of the compound **(1)**

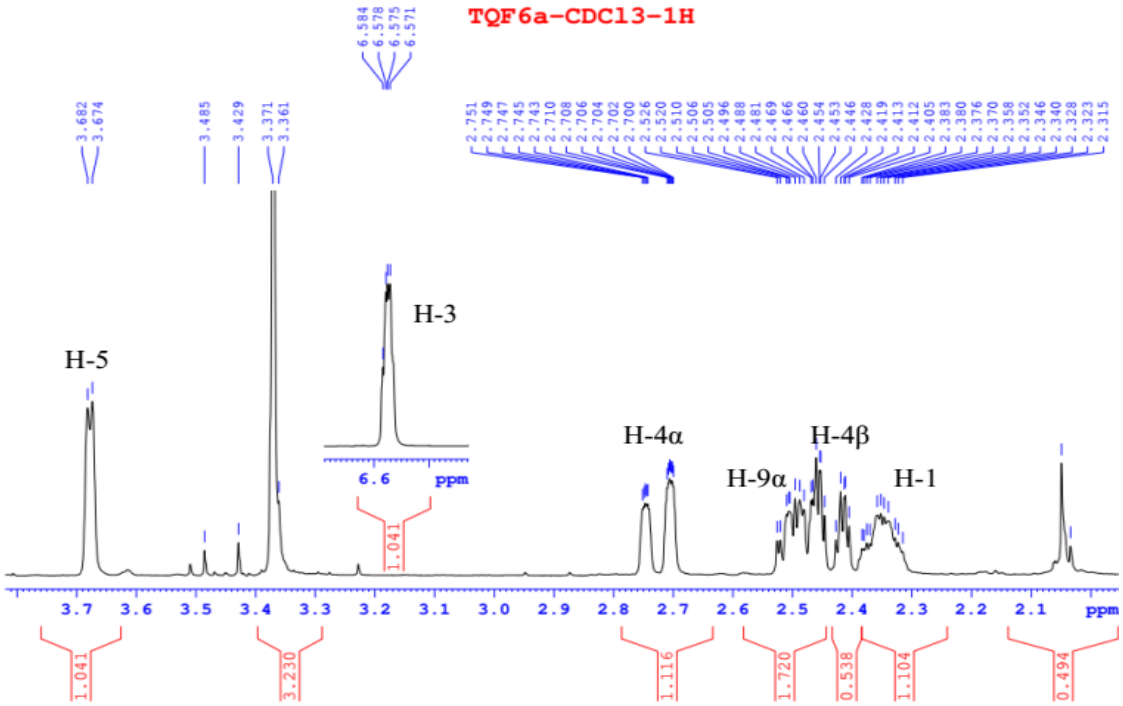


Figure S2: The extension (1) of [1]H-NMR spectrum of the compound **(1)**

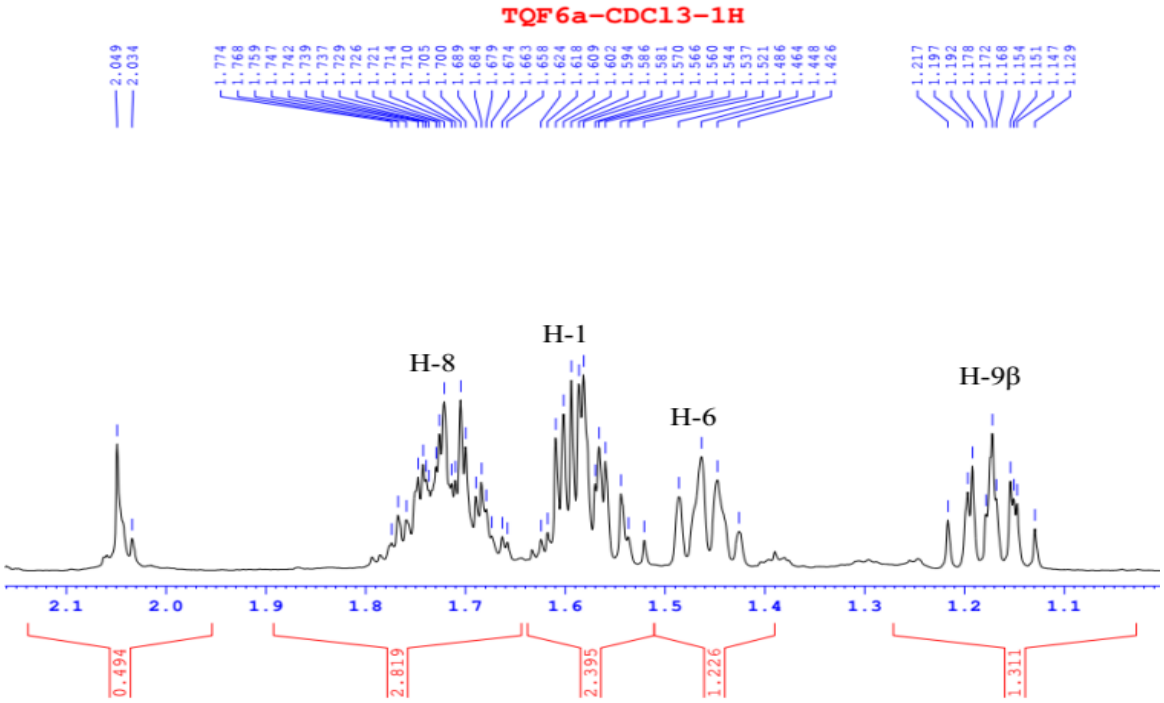


Figure S3: The extension (2) of ^{1}H-NMR spectrum of the compound **(1)**

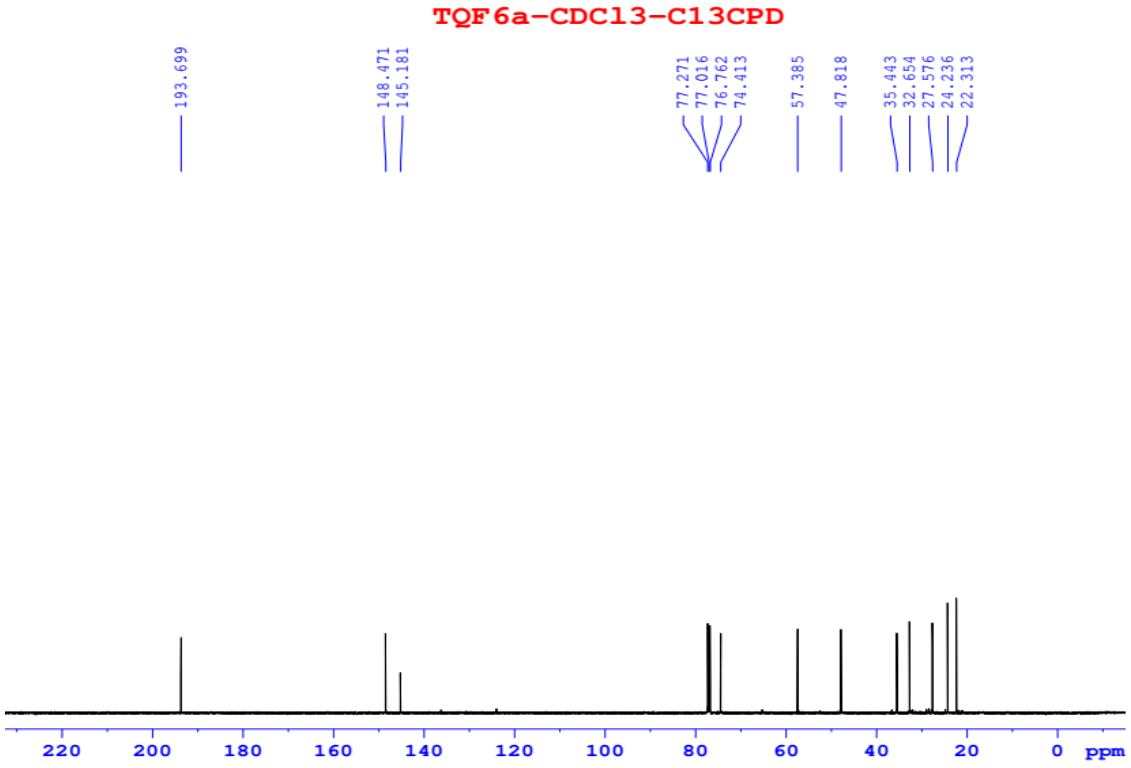


Figure S4: ^{13}C-NMR spectrum of the compound **(1)**

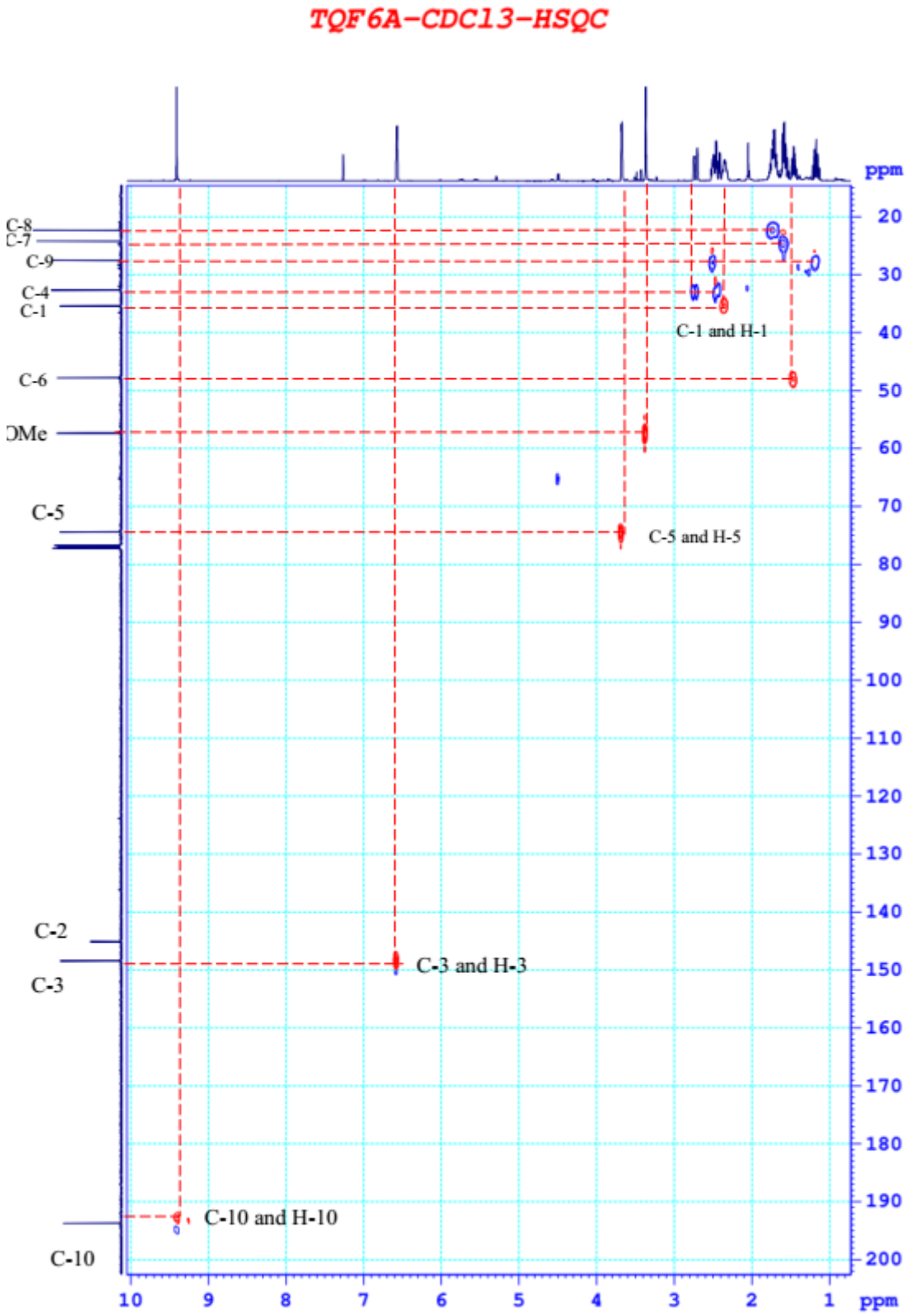


Figure S5: HSQC spectrum of the compound **(1)**

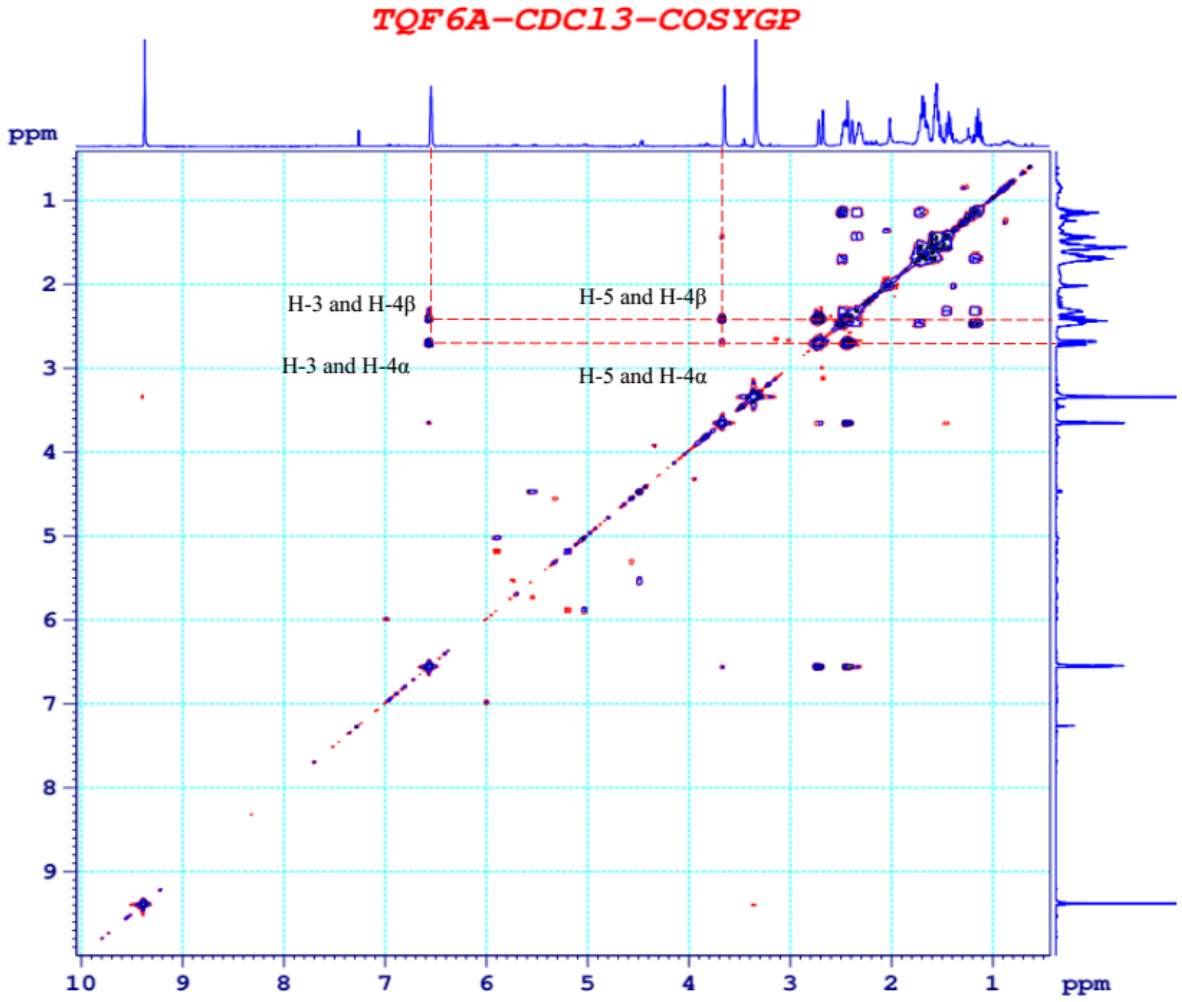


Figure S6: COSY spectrum of the compound **(1)**

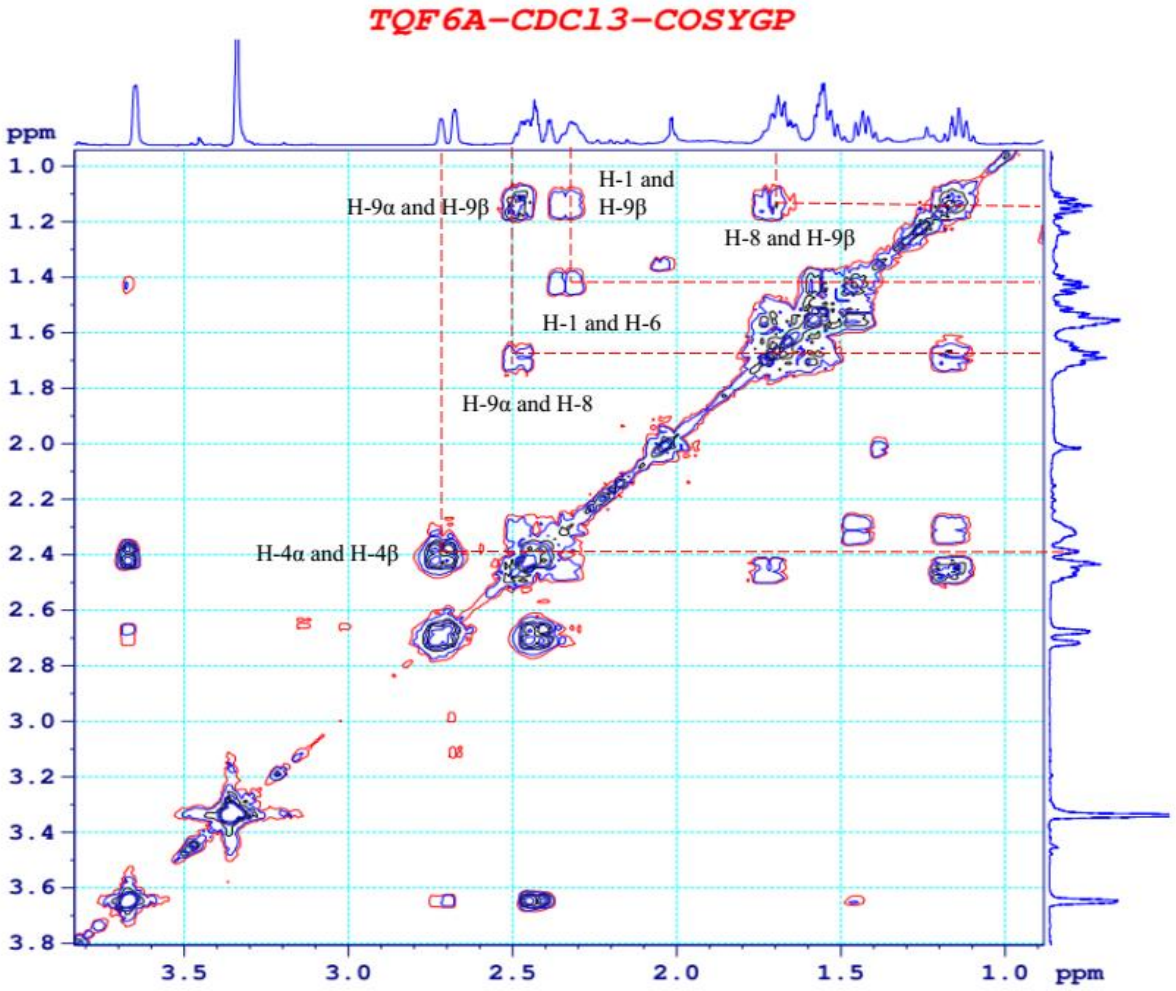


Figure S7: The extended ^{1}H-^{1}H COSY spectrum of the compound **(1)**

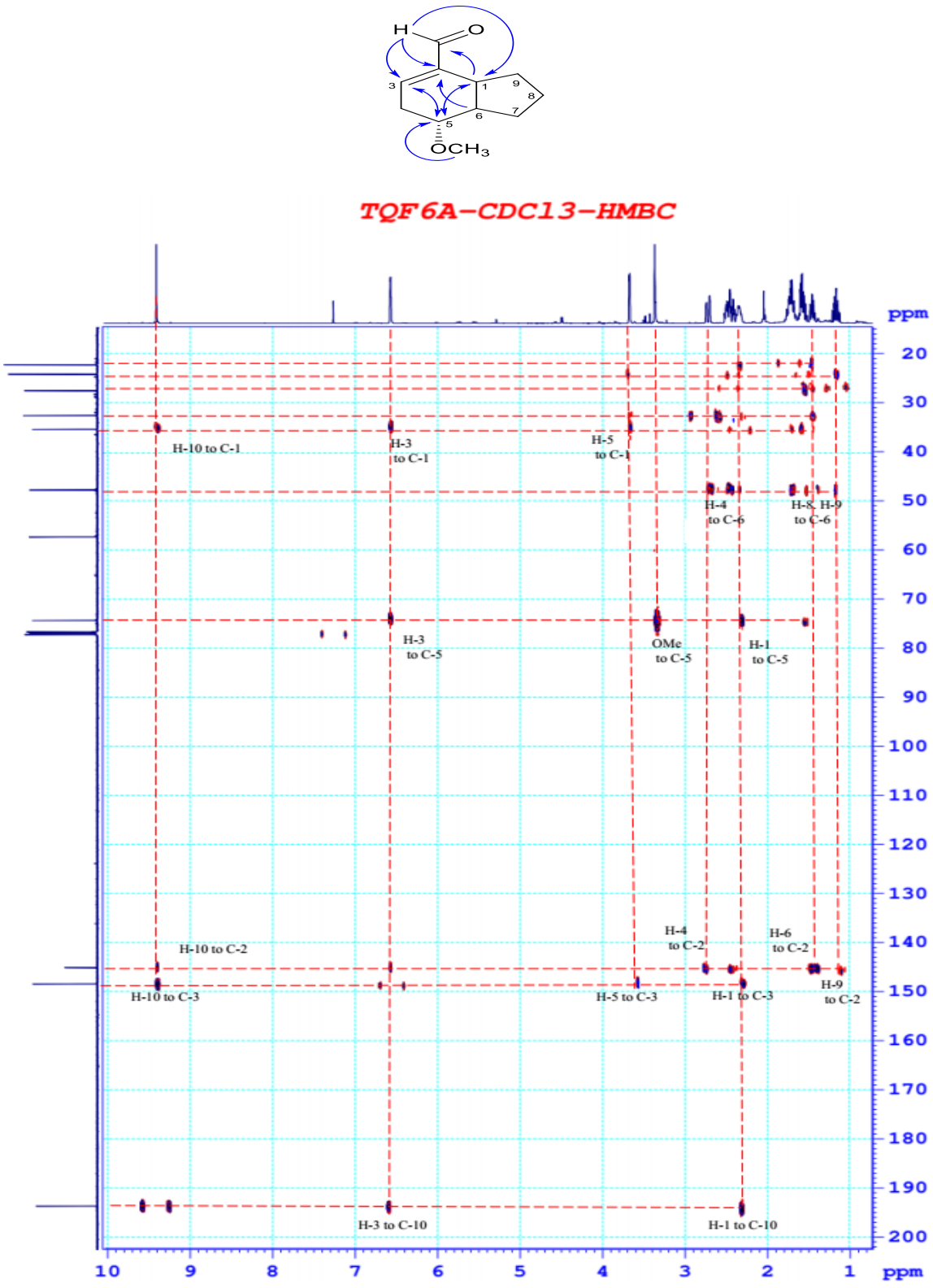


Figure S8: HMBC spectrum of the compound **(1)**

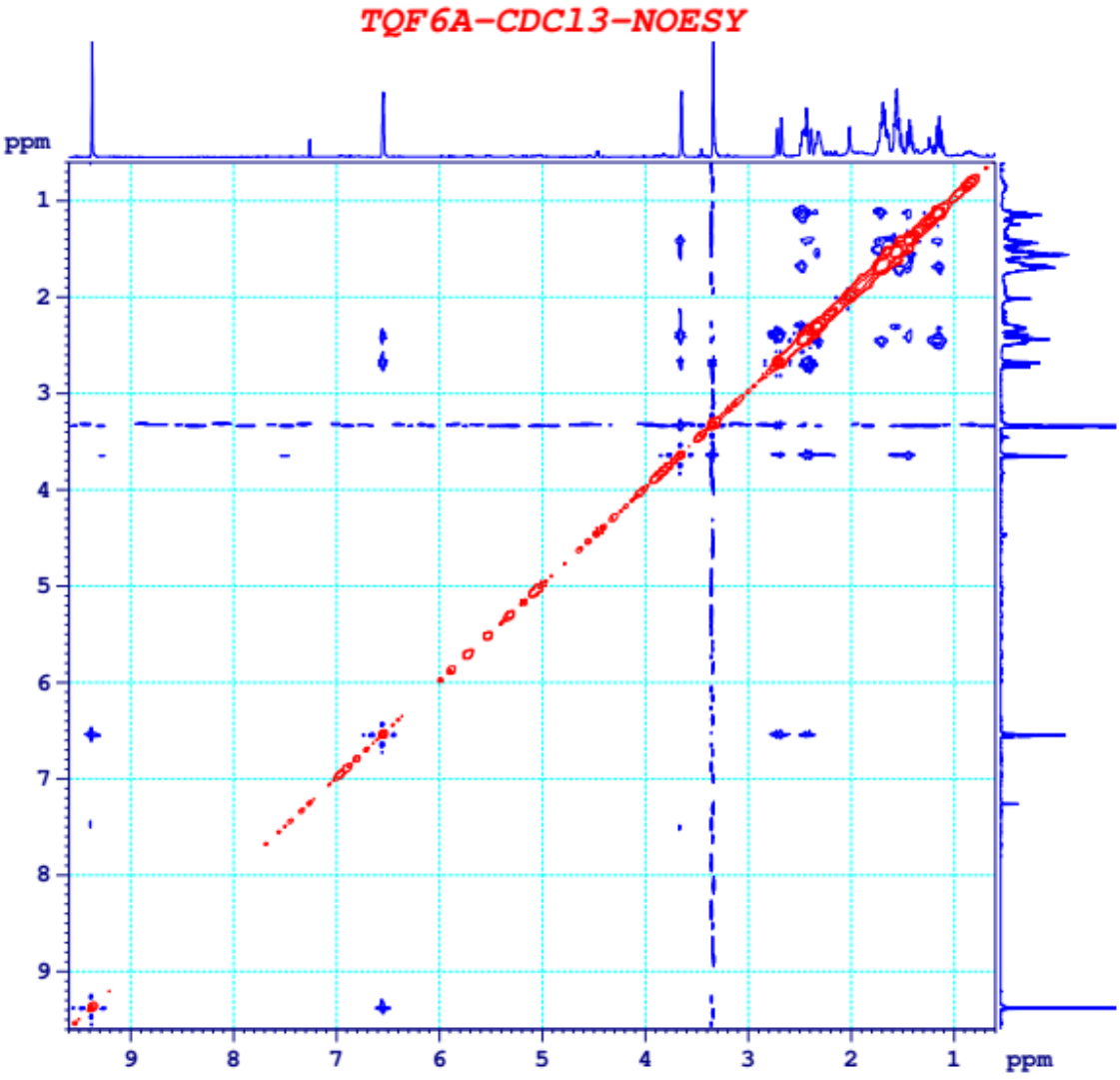


Figure S9: NOESY spectrum of the compound **(1)**

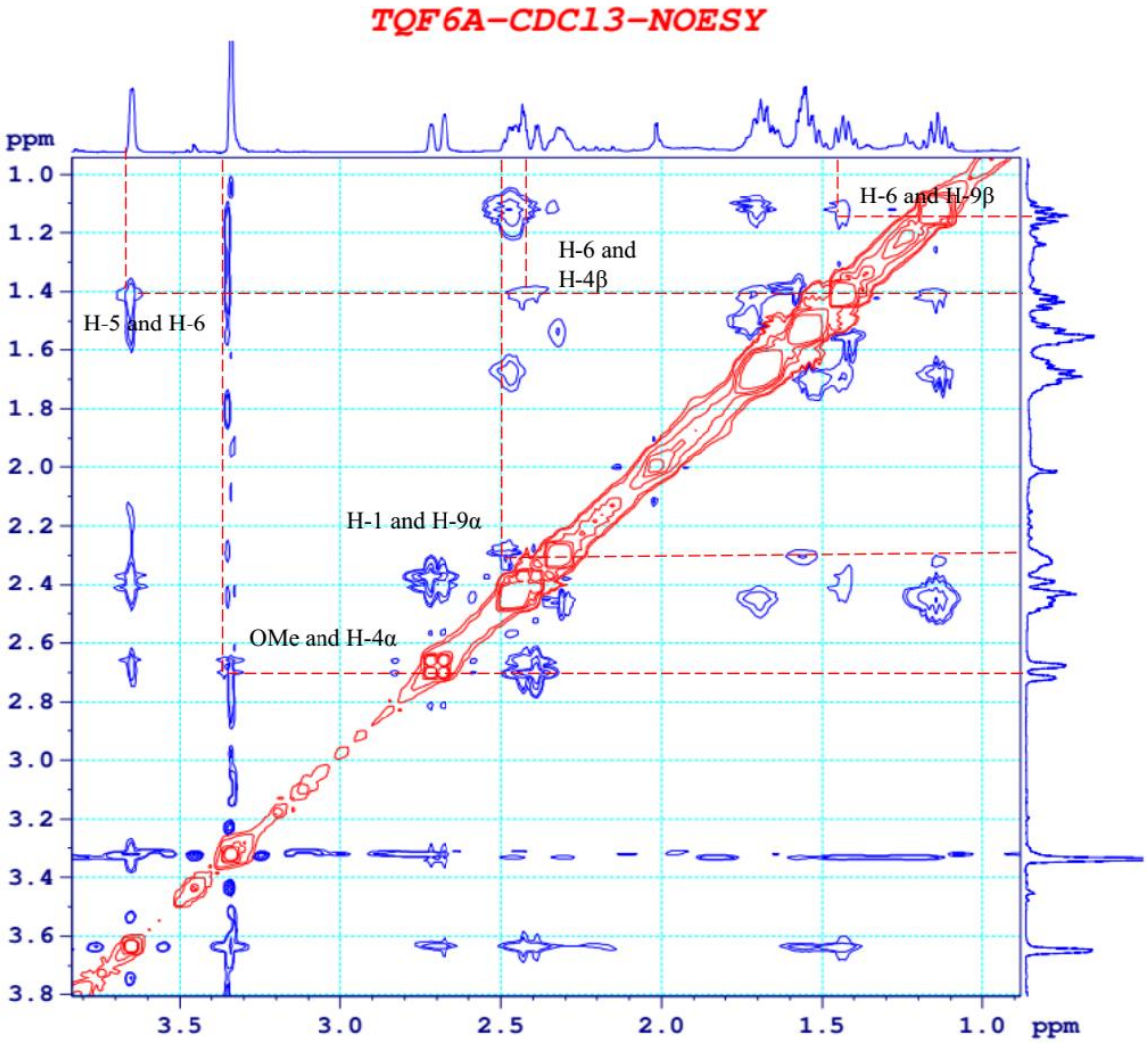


Figure S10: The extended NOESY spectrum of the compound **(1)**

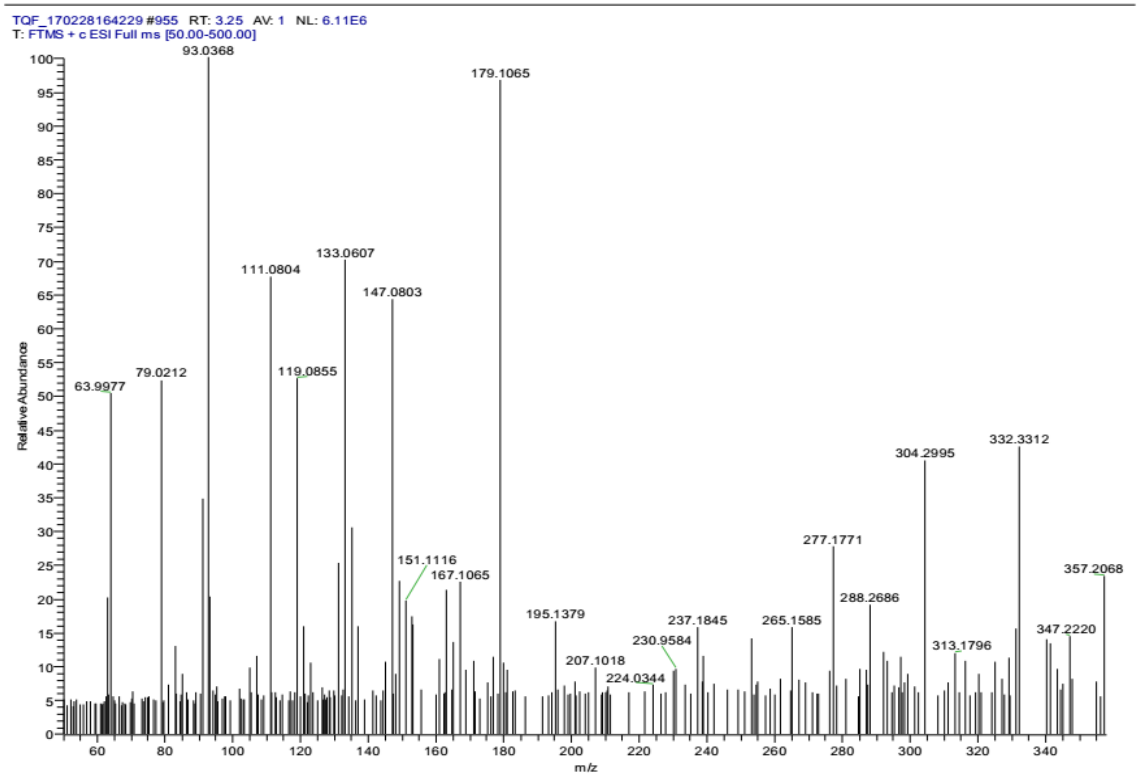


Figure S11: HRESIMS spectrum of the compound **1**

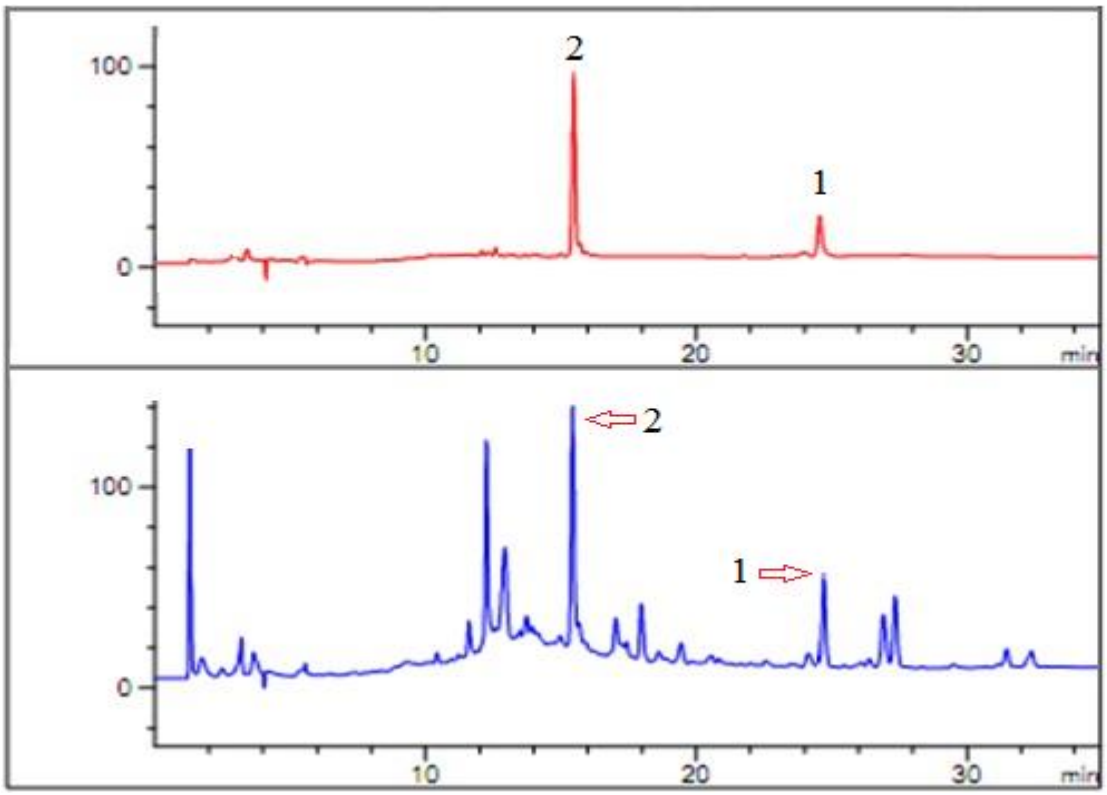


Figure S12: HPLC chromatograms of reference compounds **1** and **2** (upper) and *Amomum aromaticum* ethanol extract (lower).

The dried and powdered fruits (1 g) were extracted with 5 mL ethanol by sonication for 5 minutes. The extract was the filtered and injected to an Agilent 1260 series HPLC-DAD system. A ZORBAX Eclipse XDB C18 column (150 mm x 4.6 mm, 5 µm) was used. The elution was done with a gradient of 10-100% acetonitrile in water for 30 min. The detection wavelength was set at 230 nm for **1**.