

Supporting Information

Rec. Nat. Prod. X:X (2018) XX-XX

Structural Elucidation of a New Iridoid from *Artemisia integrifolia*

Qinghu Wang*, Junsheng Hao, Yanhua Xu and Yinping Bao

*College of Traditional Mongolian Medicine, Inner Mongolia University for Nationalities,
Tongliao 028000, Inner Mongolia, China*

Table of Contents	Page
Figure S1. ¹ H-NMR spectrum of compound 6 (Arteintegin A)	2
Figure S2. ¹³ C-NMR spectrum of compound 6 (Arteintegin A)	3
Figure S3. HSQC spectrum of compound 6 (Arteintegin A)	4
Figure S4. HMBC spectrum of compound 6 (Arteintegin A)	6
Figure S5. DEPT spectrum of compound 6 (Arteintegin A)	8
Figure S6. ¹ H- ¹ H COSY spectrum of compound 6 (Arteintegin A)	9
Figure S7. ¹ H- ¹ H NOESY spectrum of compound 6 (Arteintegin A)	10
Figure S8. MS spectrum of compound 6 (Arteintegin A)	11

17101703
yin ping (1)
in meod proton

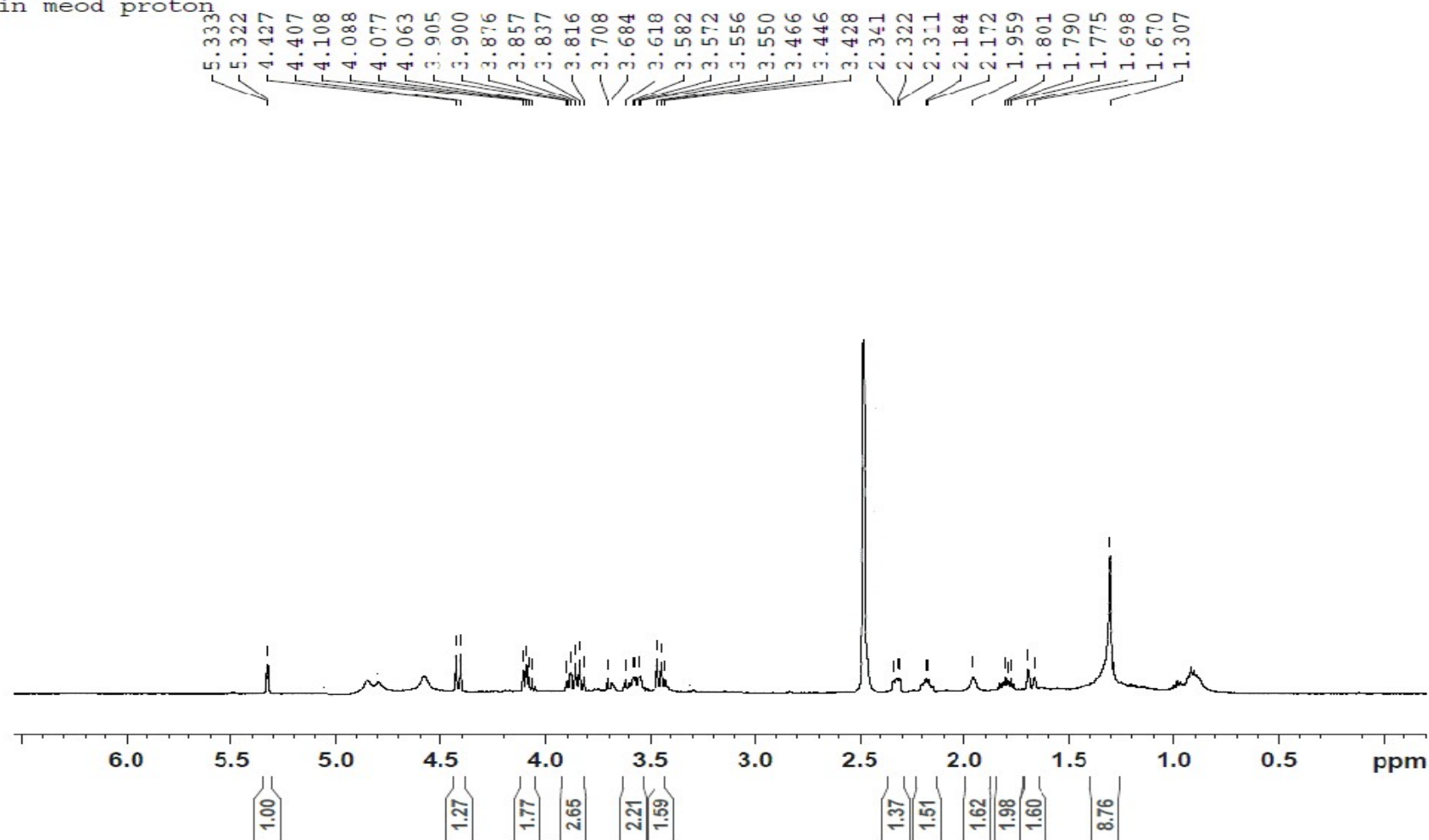


Figure S1. ^1H -NMR spectrum of compound 6 (Arteintegin A)

17101703
yin ping (1)
in meod C13CPD

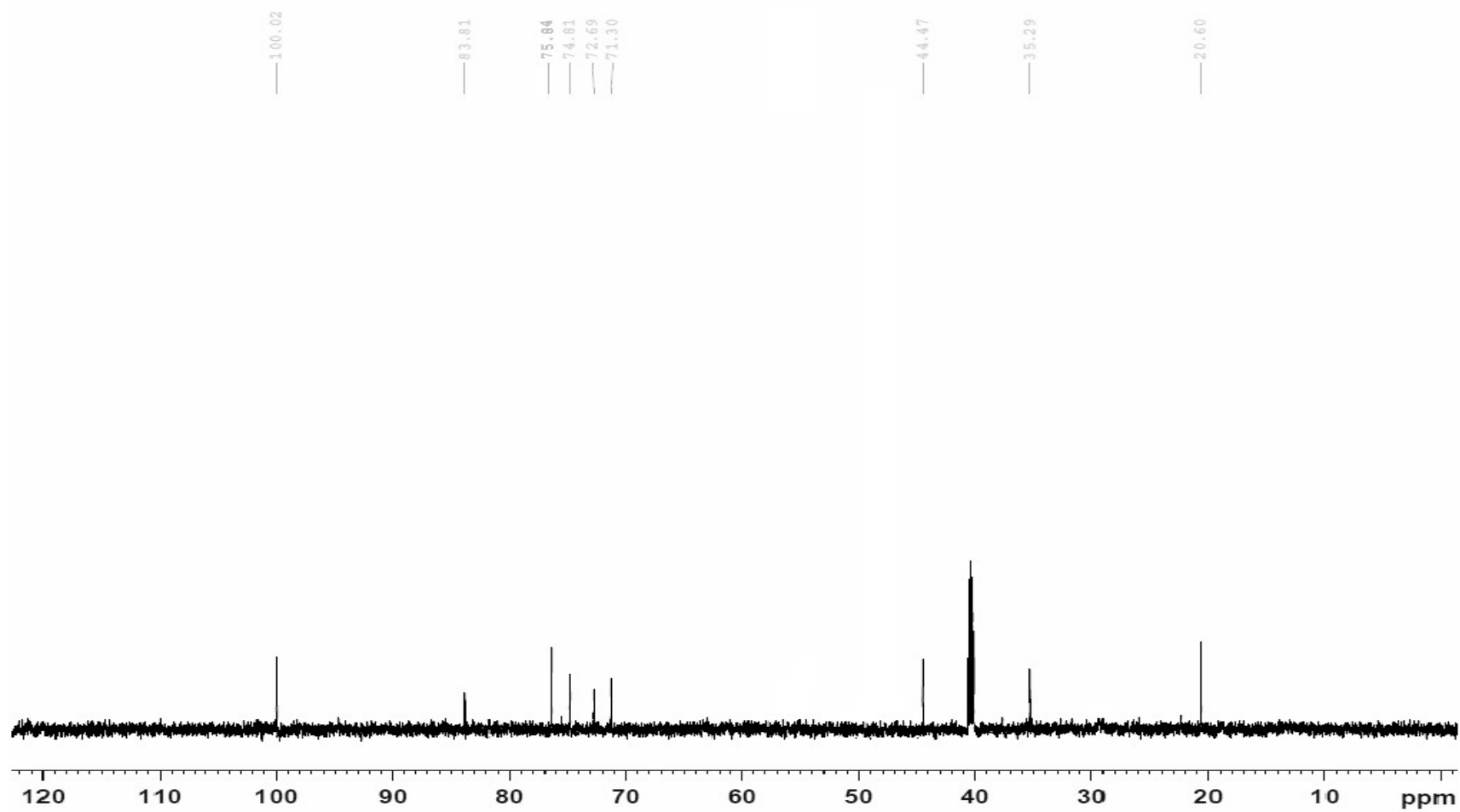
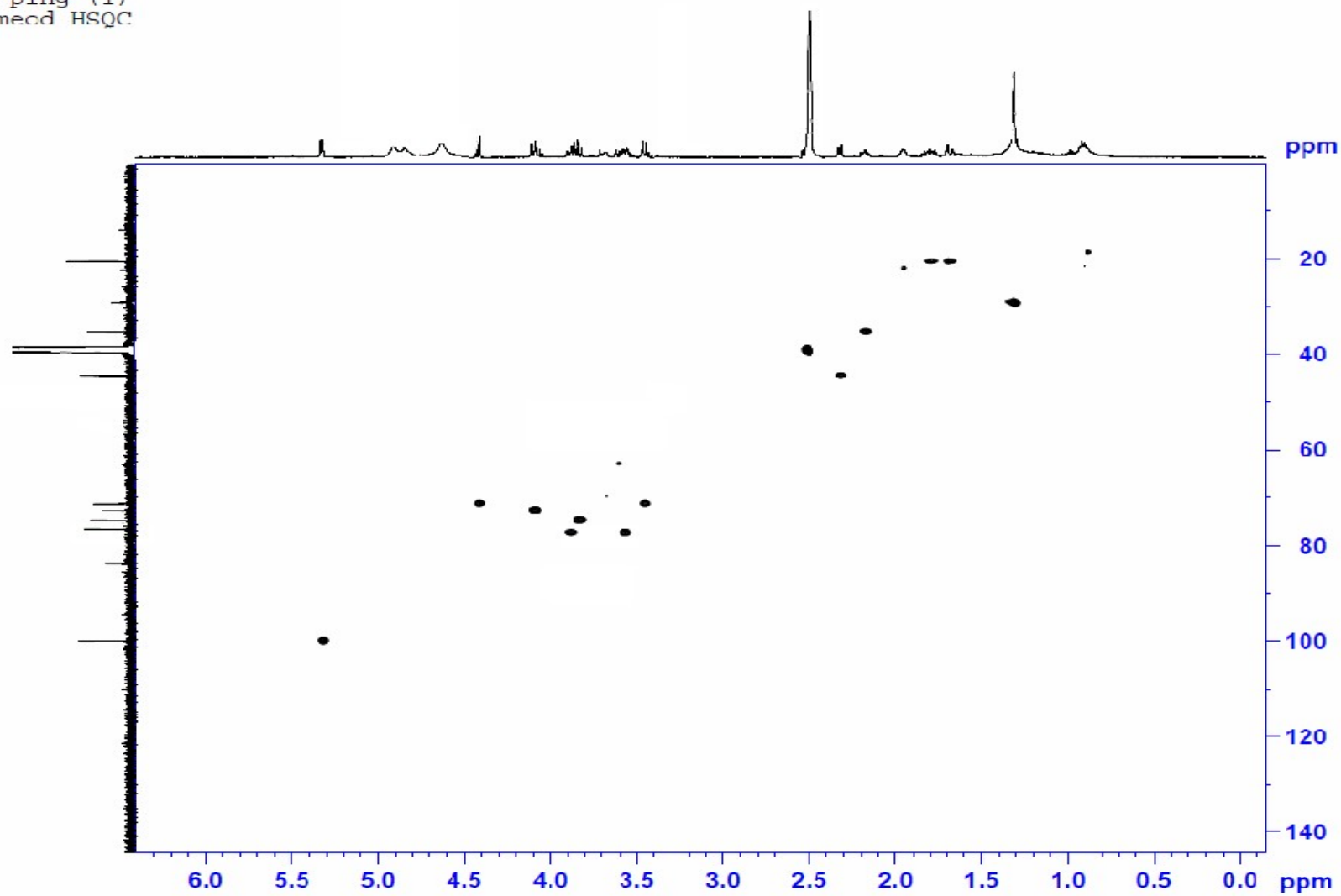


Figure S2. ^{13}C -NMR spectrum of compound 6 (Arteintegin A)

17101703
yin ping (1)
in mecd HSQC



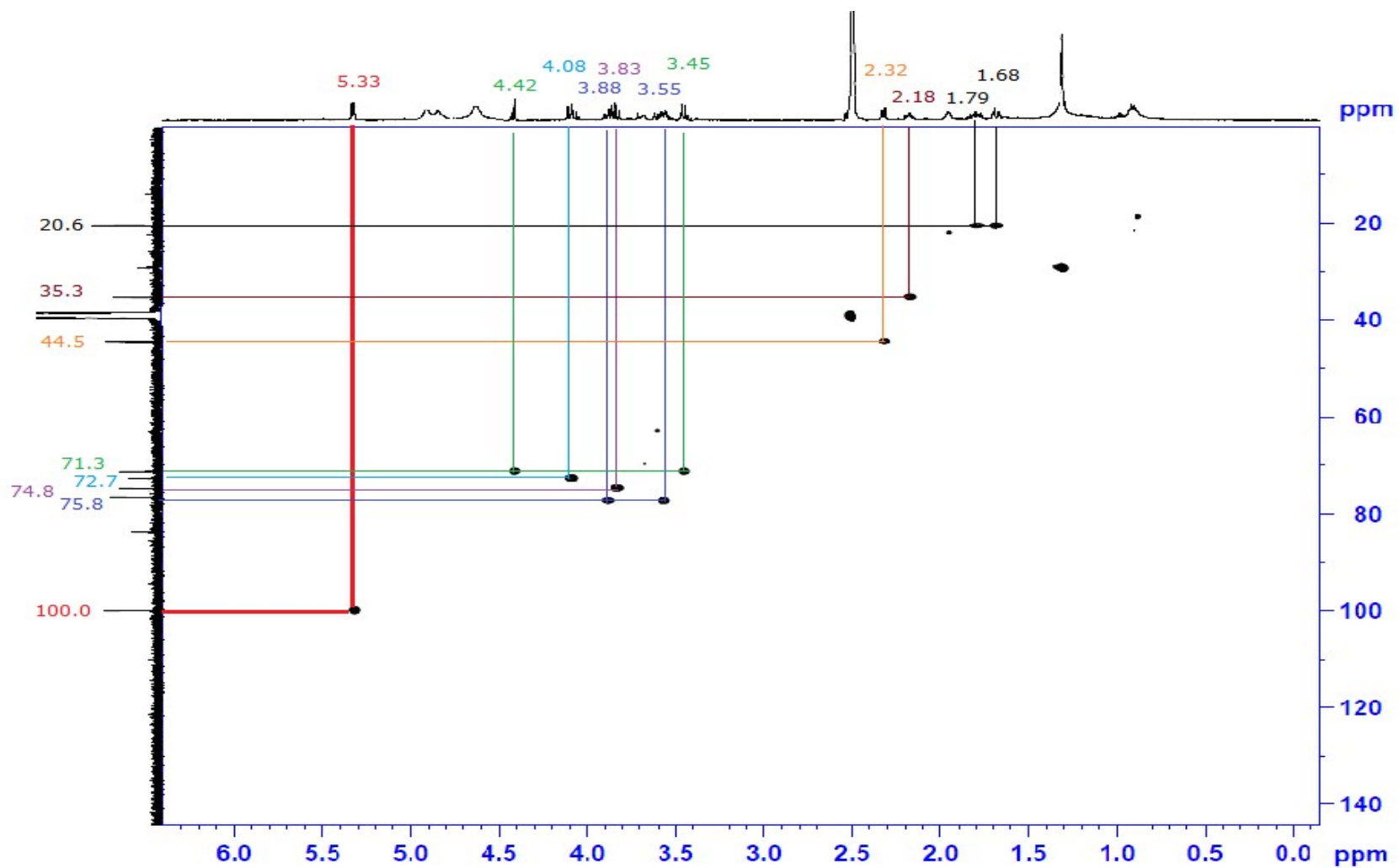
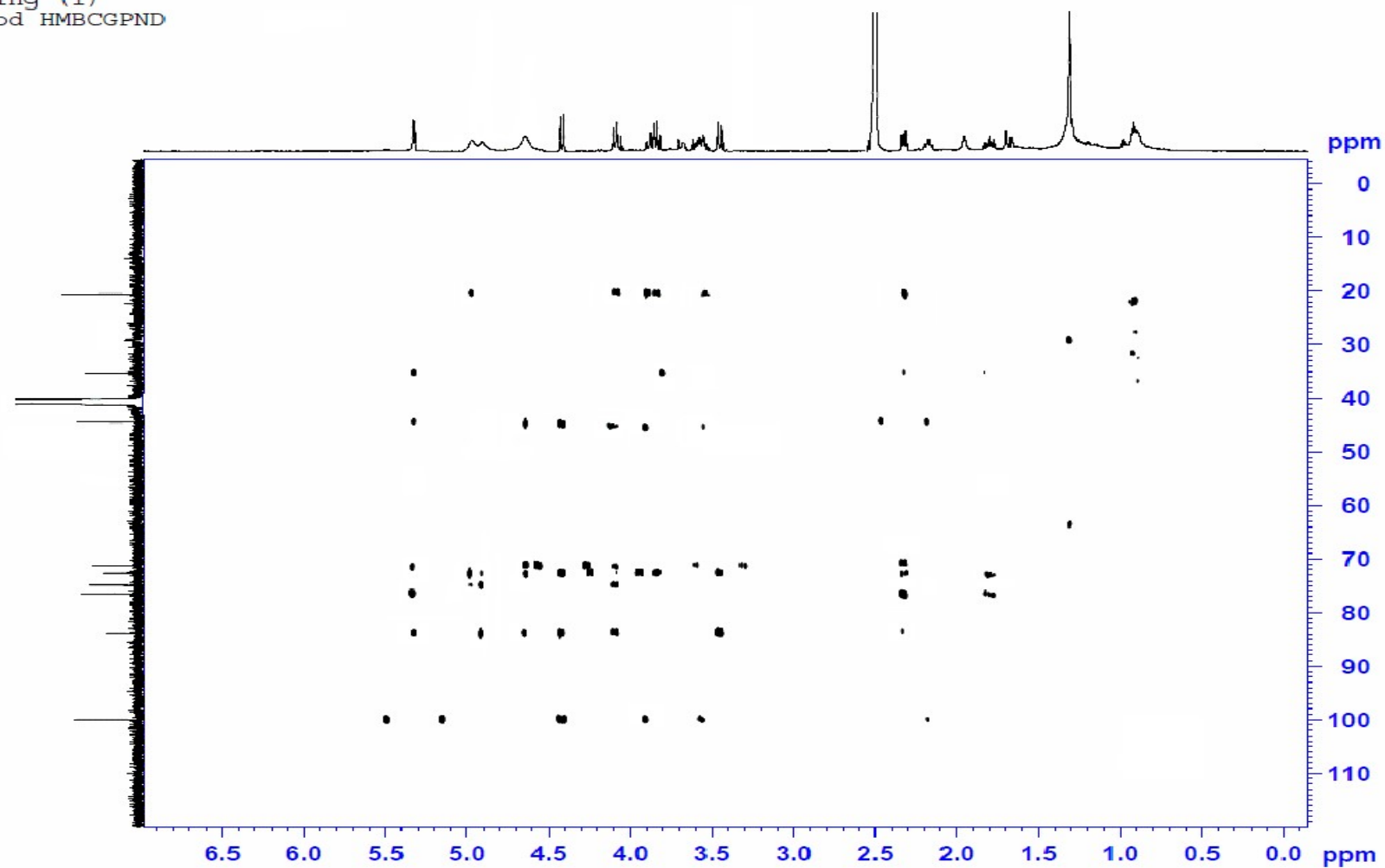


Figure S3. HSQC spectrum of compound 6 (Arteintegin A)

17101703
yin ping (1)
in meod HMBCGPND



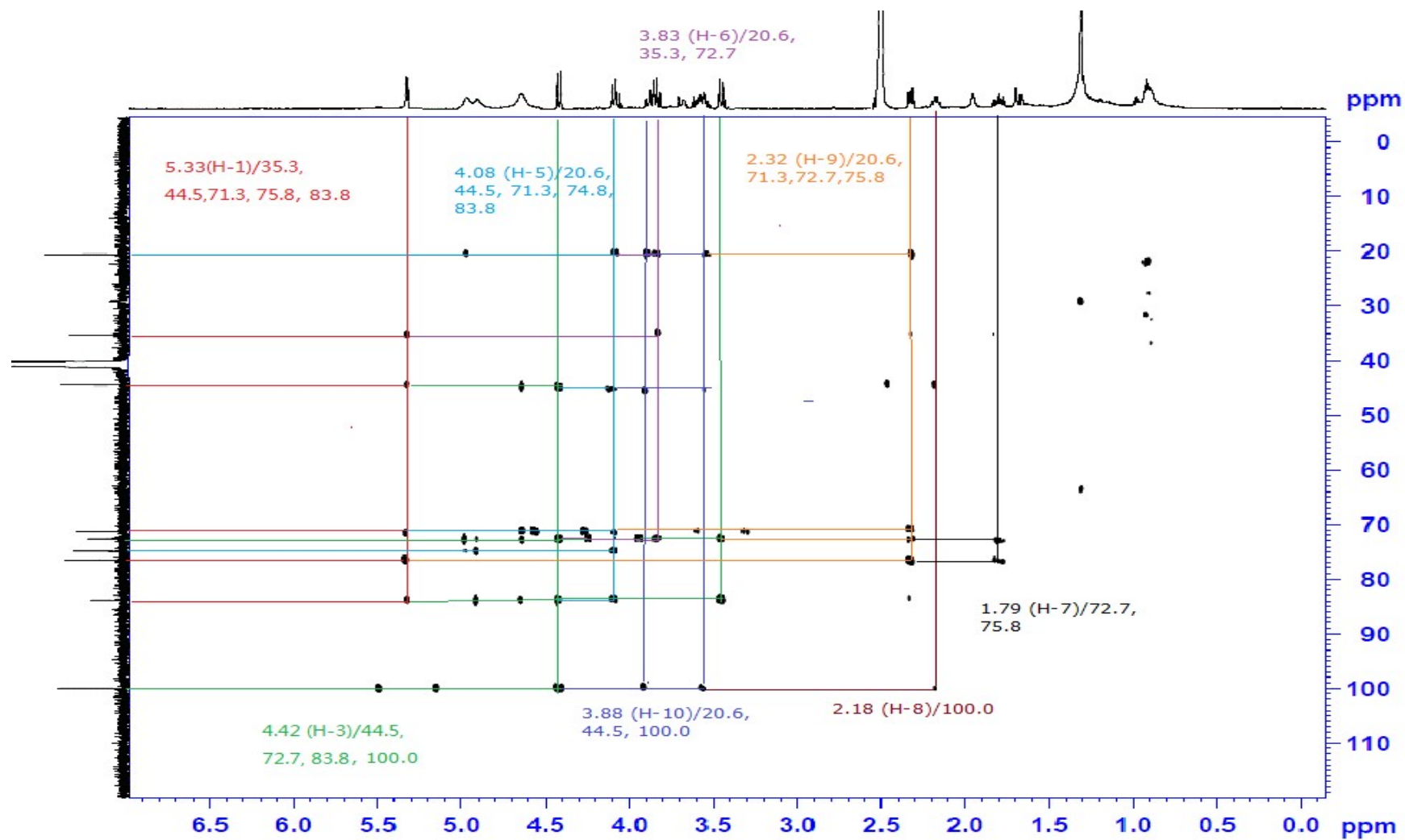


Figure S4. HMBC spectrum of compound 6 (Arteintegin A)

17101703
yin ping (1)
in meod C13DEPT135

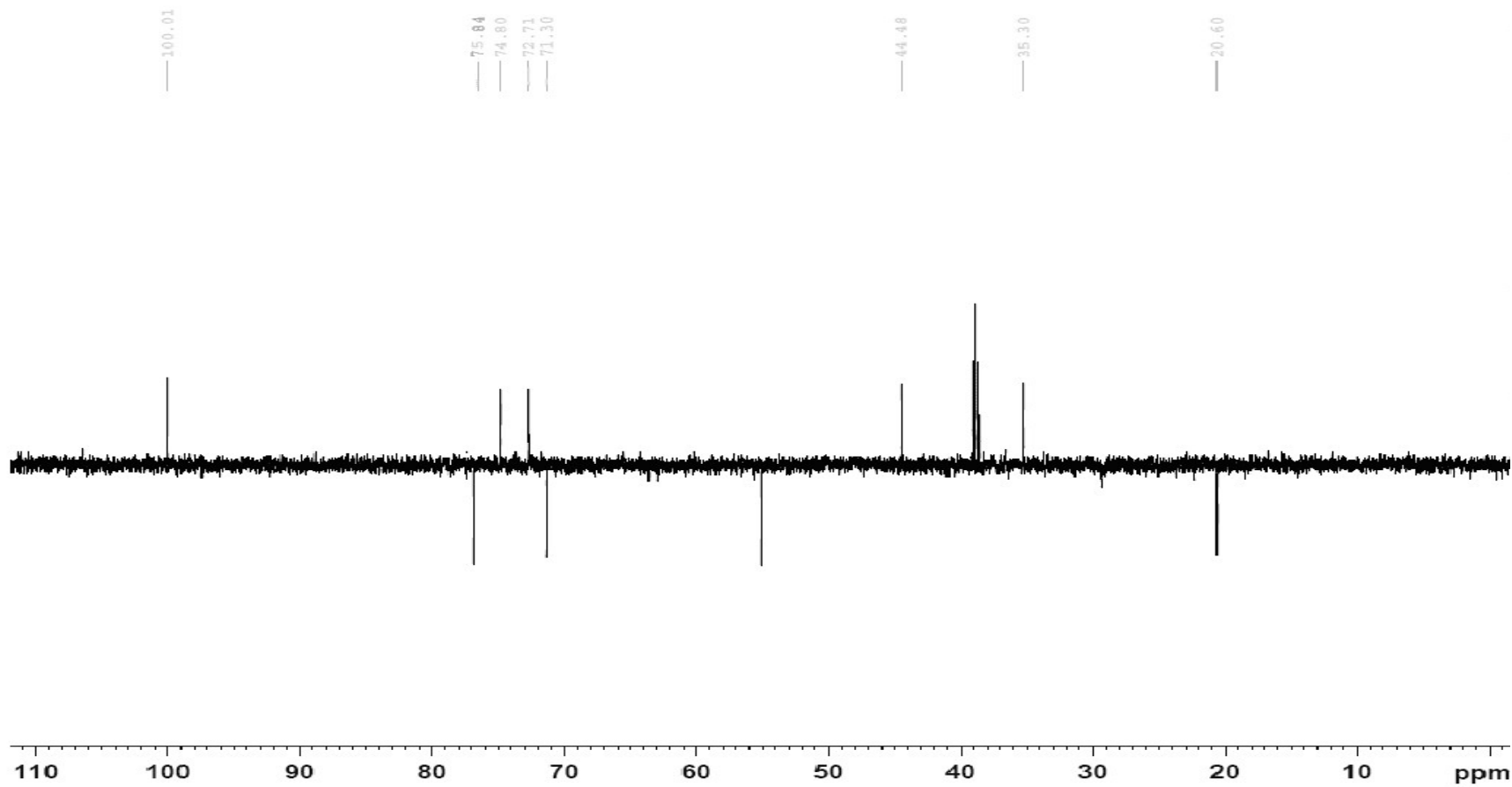


Figure S5. DEPT spectrum of compound 6 (Arteintegin A)

17101703
yin ping (1)
in mecd COSYGPMFSW

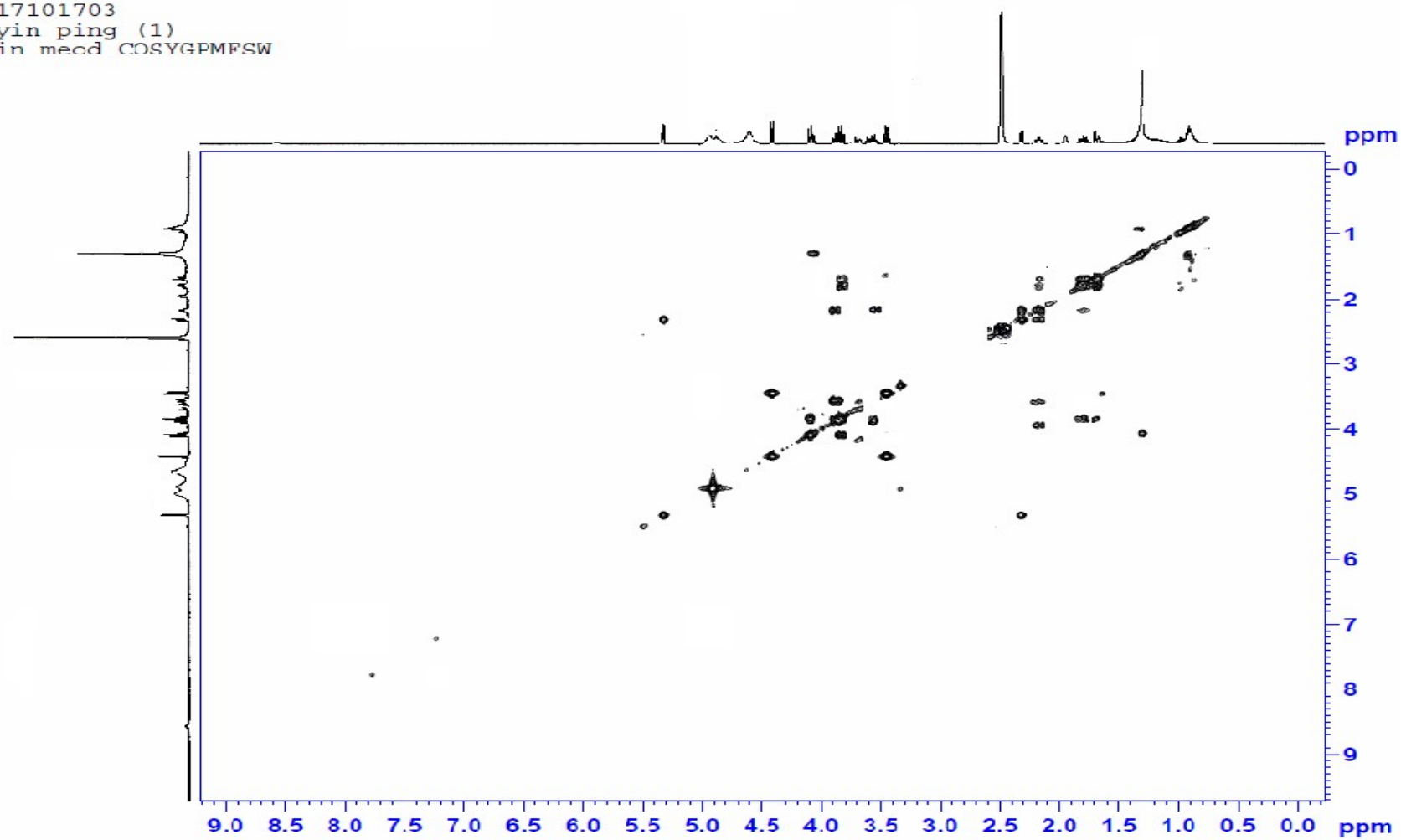


Figure S6. ^1H - ^1H COSY spectrum of compound **6** (Arteintegin A)

17101703
yin ping (1)
in meod NOESYGPPHSW

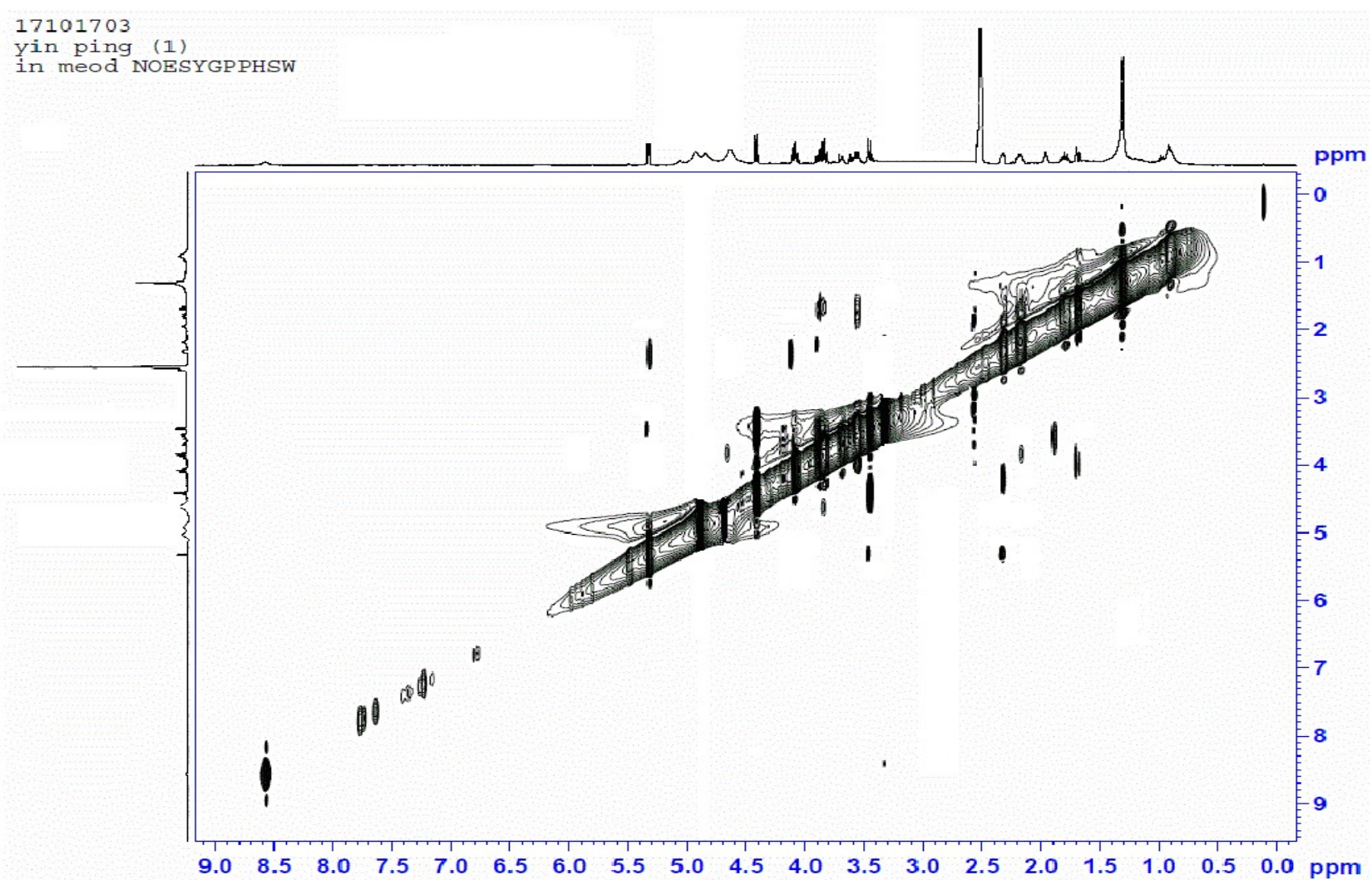


Figure S7. ^1H - ^1H NOESY spectrum of compound **6** (Arteintegin A)

Single Mass Analysis

Tolerance = 50.0 mDa / DBE: min = -1.5, max = 50.0

Element prediction: Off

Monoisotopic Mass, Even Electron Ions

1 formula(e) evaluated with 1 results within limits (up to 50 closest results for each mass)

Elements Used:

C: 0-9 H: 0-14 O: 0-1

Mass	Calc. Mass	mDa	PPM	DBE	Formula	C	H	O
137.0980	137.0966	11.4	13.1	3.5	C ₉ H ₁₃ O	9	13	1

NARENCHAOKE-20171212-NACHUYANGPIN-NEGAI 1 (0.034)
TOF MS ES-

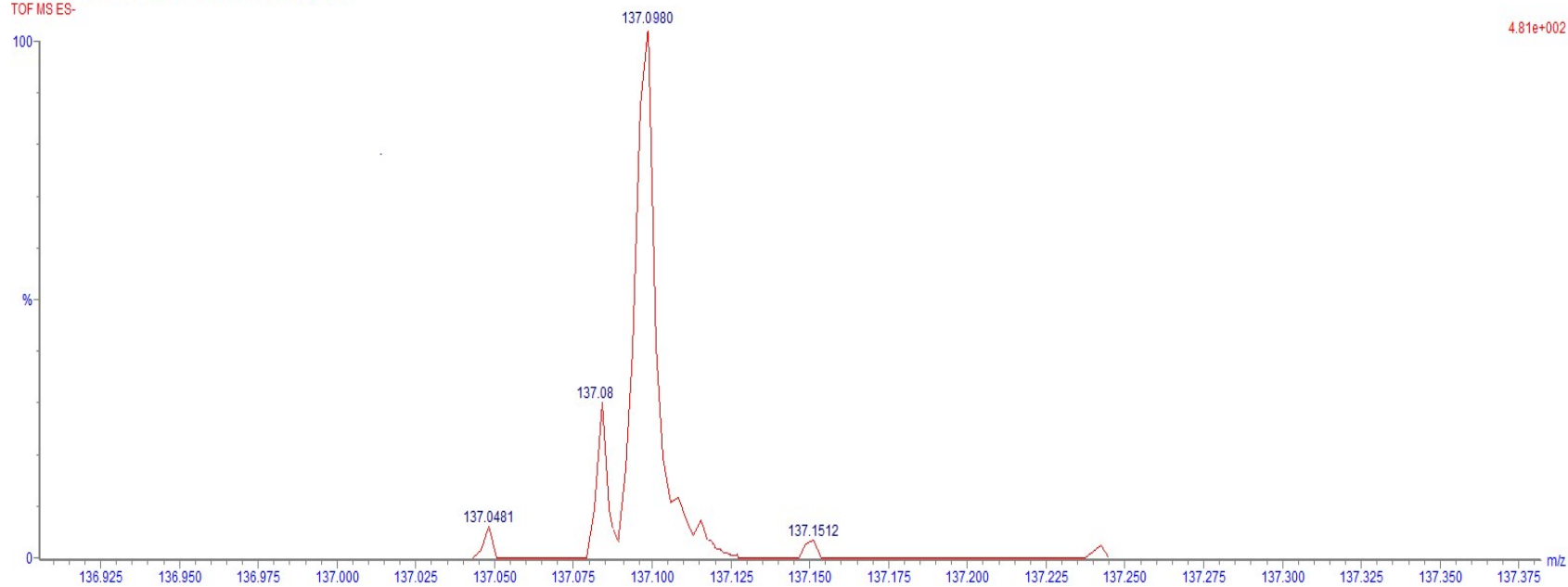


Figure S8. MS spectrum of compound **6** (Arteintegin A)