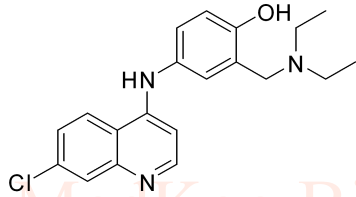
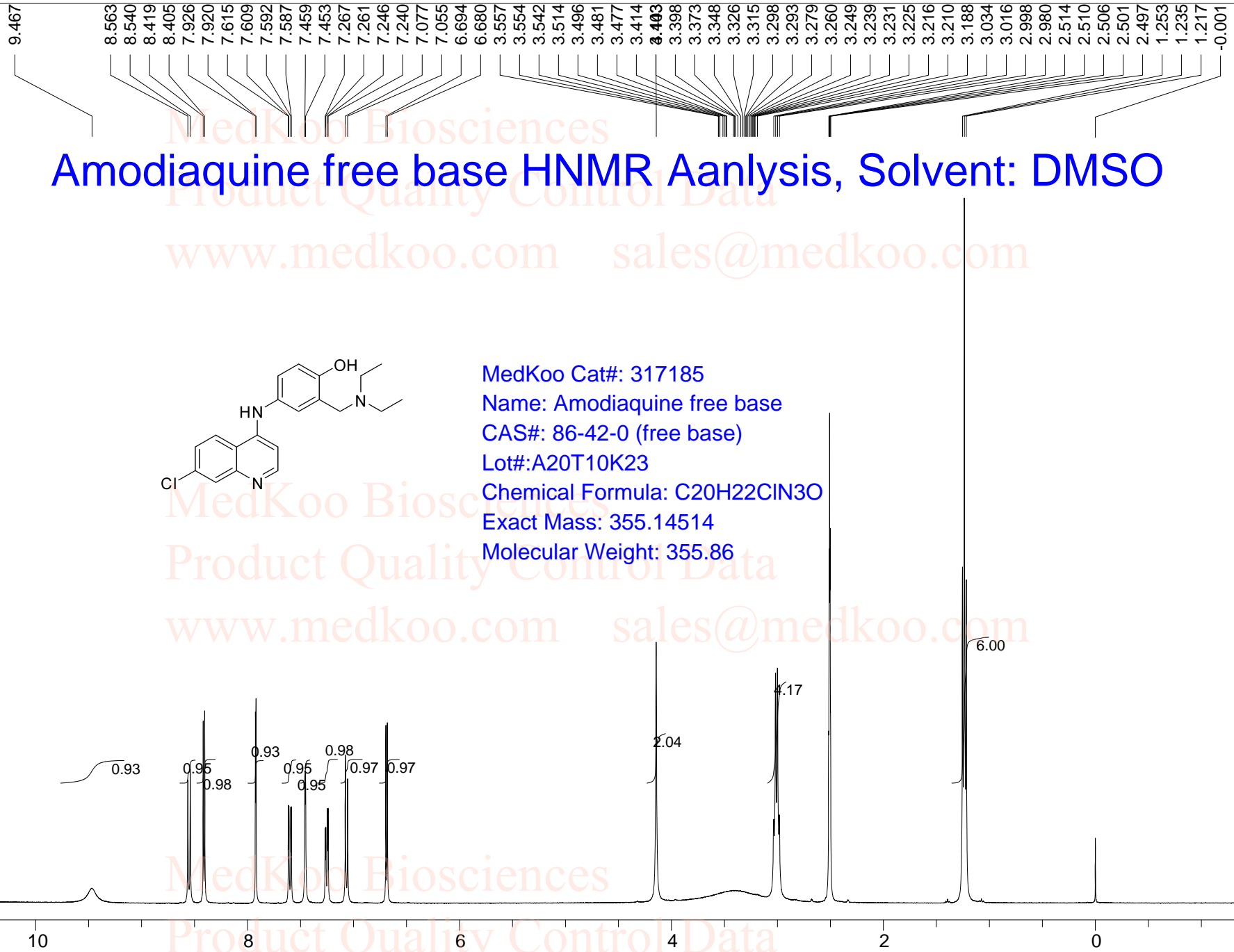


# Amodiaquine free base HNMR Analysis, Solvent: DMSO



MedKoo Cat#: 317185  
 Name: Amodiaquine free base  
 CAS#: 86-42-0 (free base)  
 Lot#: A20T10K23  
 Chemical Formula: C<sub>20</sub>H<sub>22</sub>CIN<sub>3</sub>O  
 Exact Mass: 355.14514  
 Molecular Weight: 355.86



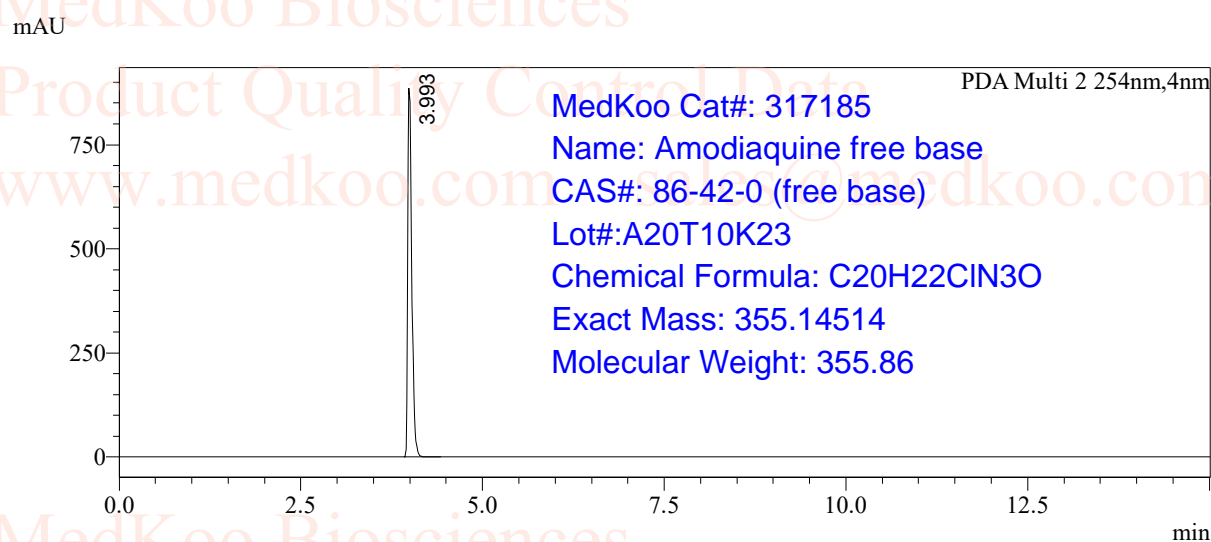
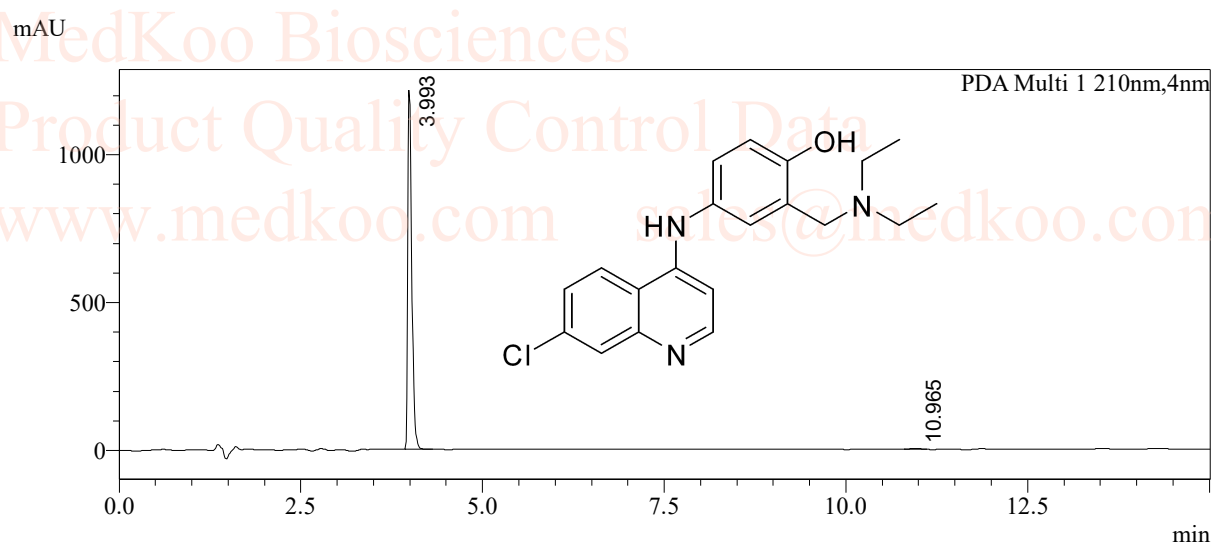
1H-8 DMSO		U107	
F1: 400.130	F2: 1.000	SW1: 8224	OF1: 2470.6
EX: zg30	PD: 1.000 usec	PT: 1.000	PTS1d: 32768
MedKoo Biosciences	www.medkoo.com	LB: 0.3	N1S: 0.0

# Amodiaquine free base HPLC Analysis

## <Sample Information>

Sample Name : 86-42-0  
 Project ID :  
 Vial # : 1-1  
 Method : Column: Boston Green C18 150 mm\*4.6 mm 5 um  
 Mobile Phase: A:0.05% TFA Water B:0.05% TFA ACN  
 Gradient : B from 5% to 95% in 10.0 min and hold 95% for 5.0 min;  
 Flow Rate: 1.5 mL/min; Column Temperature:40 .  
 Batch ID:  
 Compound ID:  
 Injection Volume : 0.5 uL

## <Chromatogram>



## <Chromatogram Peak Table>

Peak Table

PDA Ch1 210nm							
Peak	Ret. Time	Area	Height	Talling.Factor	Resolution	Peak Purity	Area%
1	3.993	4598380	1213046	1.527	--	Not calculated	99.422
2	10.965	26713	2936	0.950	34.994	Not calculated	0.578
总计		4625093	1215982				100.000

PDA Ch2 254nm							
Peak	Ret. Time	Area	Height	Talling.Factor	Resolution	Peak Purity	Area%
1	3.993	3387555	885281	1.520	--	Not calculated	100.000
总计		3387555	885281				100.000

# Amodiaquine free base LC/MS Analysis

Sample Name : 89-42-0

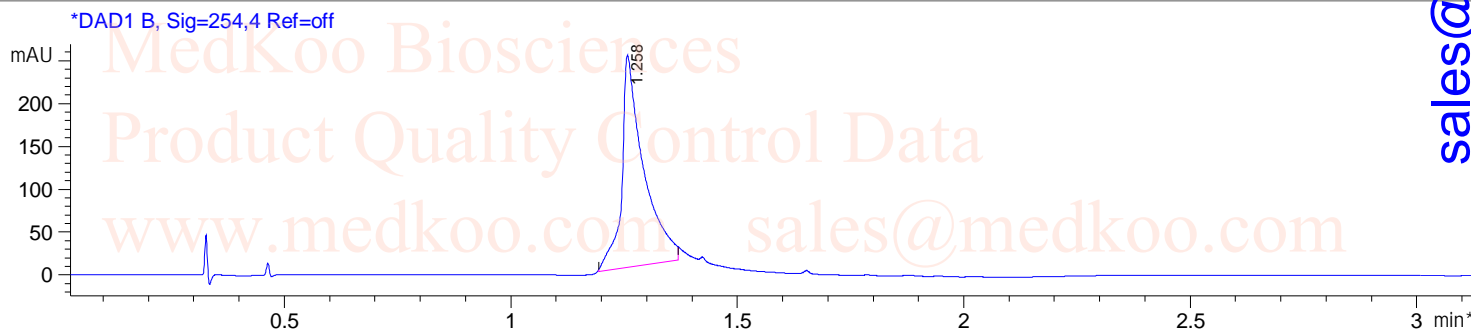
Method Info : Column:SunFire C18 (4.6x 50 mm,3.5 um)

Mobile phase: H2O(0.01%TFA ) (A) / ACN(0.01%TFA) (B)

Elution program: Gradient from 10 to95% of B in 1.4 min at 2ml/min

Temperature: 50 °C

Detection: UV (214 , 4 nm) and MS (ESI, Pos mode ,110 to 1000 amu)

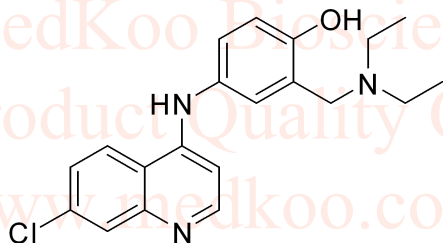


Integration Results for DAD1 B, Sig=254,4 Ref=off

RetTim	Width	Area	Height	Area%
1.26	0.04	835.58	247.49	100.00

Ret. Time: 1.26

<<<< POSITIVE SPECTRA >>>>



MedKoo Cat#: 317185

Name: Amodiaquine free base

CAS#: 86-42-0 (free base)

Lot#:A20T10K23

Chemical Formula: C<sub>20</sub>H<sub>22</sub>ClN<sub>3</sub>O

Exact Mass: 355.14514

Molecular Weight: 355.86

sales@medkoo.com

www.medkoo.com

MedKoo Biosciences