



Parameters	
Parameter	Value
1 Data File Name	C:/Users/Rama/Desktop/COBRE-CORE-2019/Chemistry-2020/Primaquine-01-30-2020/RS-Primaquine-FB-01-30-2020/1/ fid
2 Title	RS-Primaquine-FB-01-30-2020.1.fid
3 Comment	
4 Origin	Bruker BioSpin GmbH
5 Owner	rama
6 Solvent	CDCl3
7 Temperature	300.0
8 Pulse Sequence	zg30
9 Experiment	1D
10 Probe	Z108618_0813 (PA BBO 400S1 BBF-H-D-05 Z)
11 Number of Scans	16
12 Pulse Width	13.4900
13 Acquisition Time	3.9846
14 Acquisition Date	2020-01-30T15:04:24
15 Modification Date	2020-01-30T15:04:24
16 Spectrometer Frequency	400.15
17 Spectral Width	8223.7
18 Lowest Frequency	-1640.8
19 Nucleus	1H

1H NMR (400 MHz, Chloroform-*d*) δ 8.53 (dd, $J = 4.2, 1.7$ Hz, 1H), 7.91 (dd, $J = 8.2, 1.7$ Hz, 1H), 7.29 (dd, $J = 8.2, 4.2$ Hz, 1H), 6.37 – 6.27 (m, 2H), 6.04 (s, 1H), 3.89 (s, 3H), 3.60 (s, 1H), 2.71 (t, $J = 6.8$ Hz, 2H), 1.66 (d, $J = 49.9$ Hz, 4H), 1.42 – 1.20 (m, 5H).

1H NMR spectrum of primaquine base