Supporting Information for

New one-pot pathway for the synthesis of 2*H*-pyrrolo[2,3-*d*]pyrimidine-2,4-(3*H*)-diones and 1*H*-benzo[*f*]indole-4,9-dione derivatives substituted 3-hydroxy-1,4-naphthoquinonyl

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Current Data Parameters
NAME Dec10-2018-nmr
EXPNO 22
PROCNO 1

F2 - Acquisition Parameters
Date_ 20181211
Time 8.23
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 10000
DS 4
SWH 18115.941 Hz
FIDRES 0.276427 Hz
AQ 1.8087935 sec
RG 202
DW 27.600 usec
DE 6.50 usec
TE 299.4 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 75.6462982 MHz
NUC1 13C
P1 10.00 usec
PLW1 30.00000000 W

===== CHANNEL f2 =====
SFO2 300.8112032 MHz
NUC2 1H
CPDPRG[2] waltz16
PCPD2 90.00 usec
PLW2 6.40000010 W
PLW12 0.17778000 W
PLW13 0.14399999 W

F2 - Processing parameters
SI 32768
SF 75.6387350 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

Figure 4: ^{13}C -NMR spectrum of compound **4b**

Parameter	Value
1 Title	Oct23-2018-nmr.58.fid
2 Comment	Dr. Mohamadi zade- code RA(Alipour)-
3 Origin	Bruker BioSpin GmbH
4 Owner	root
5 Instrument	spect
6 Solvent	DMSO
7 Temperature	296.3
8 Pulse Sequence	zg30
9 Experiment	1D
10 Probe	5 mm PABBO BB-1H/ D Z-GRD Z104275/ 0252
11 Number of Scans	64
12 Receiver Gain	181.4
13 Relaxation Delay	1.0000
14 Pulse Width	15.0000
15 Presaturation Frequency	
16 Acquisition Time	5.4526
17 Acquisition Date	2018-10-24T18:51:00
18 Modification Date	2018-10-24T18:52:06
19 Class	
20 Spectrometer Frequency	300.81
21 Spectral Width	6009.6
22 Lowest Frequency	-1147.2
23 Nucleus	1H
24 Acquired Size	32768
25 Spectral Size	65536
26 Digital Resolution	0.09

Figure 5: ^1H -NMR spectrum of compound **4c**

Figure 23: ^1H -NMR of compound **4l**

Figure 46: ¹³C-NMR spectrum of compound 6i