

# A highly selective fluorescent probe for human NAD(P)H:quinone oxidoreductase 1 (hNQO1) detection and imaging in living tumor cells

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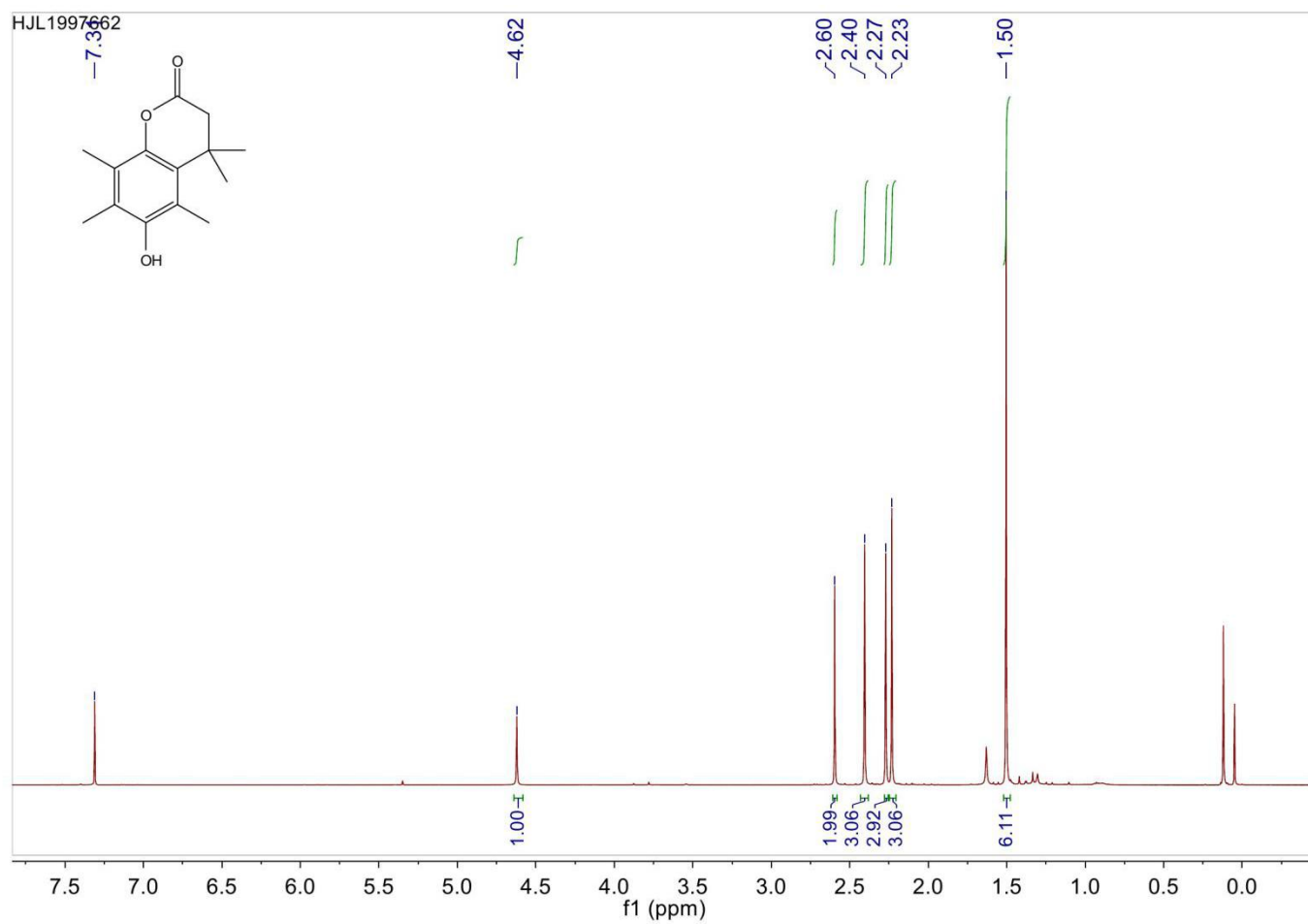


Fig. S1  $^1\text{H}$  NMR of compound 3

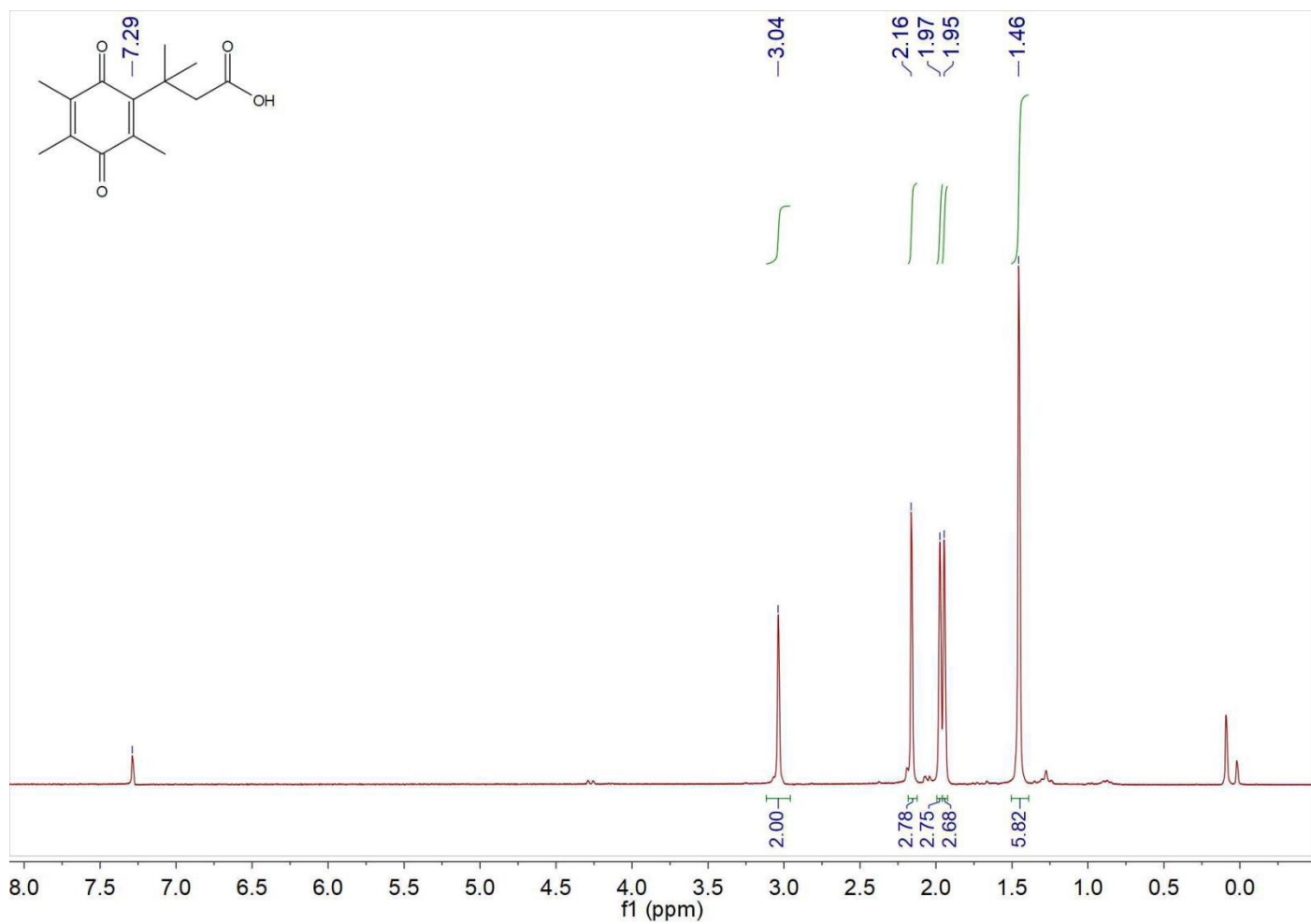
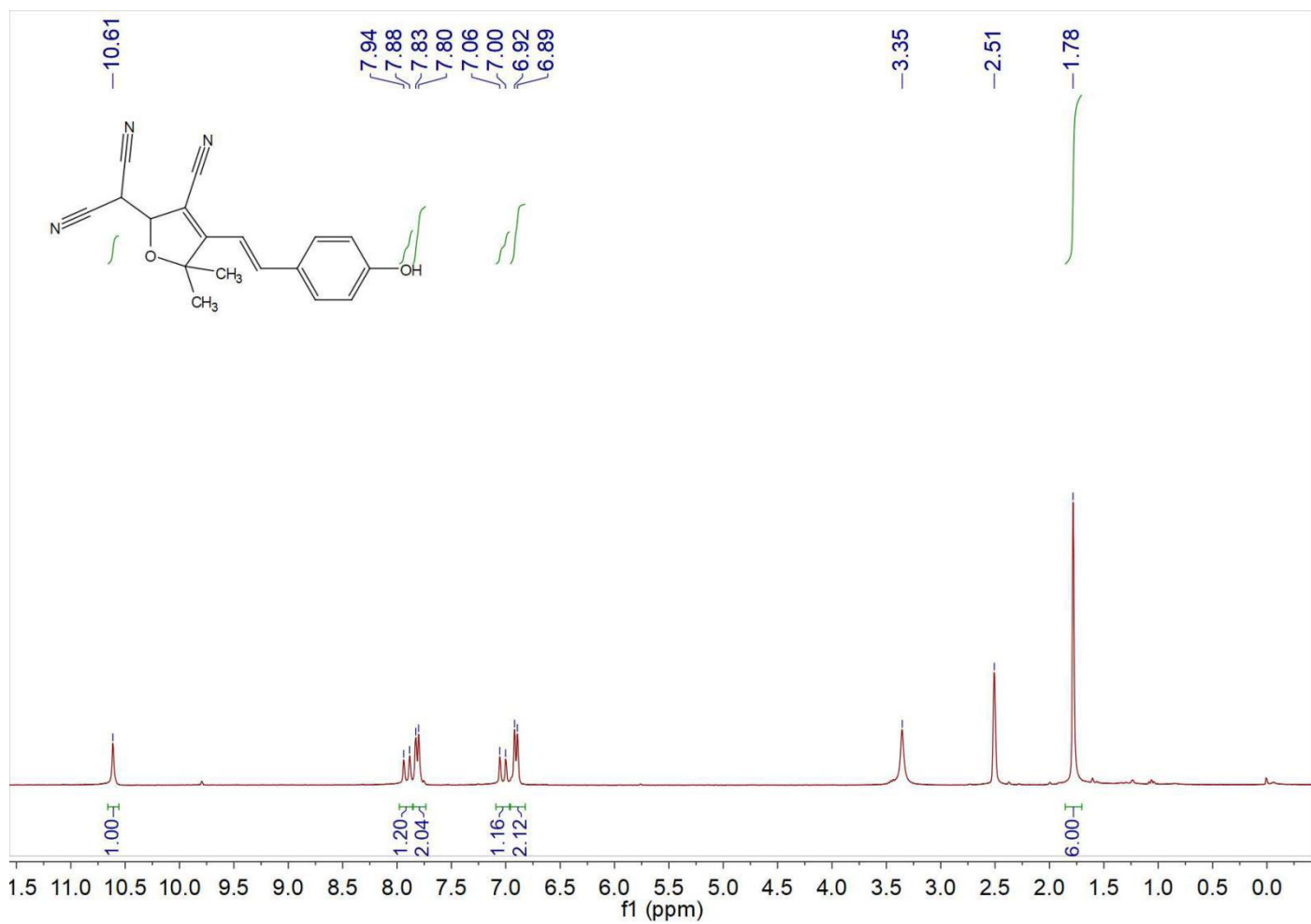


Fig. S2  $^1\text{H}$  NMR of compound 4

Fig. S3  $^1\text{H}$  NMR of compound 7

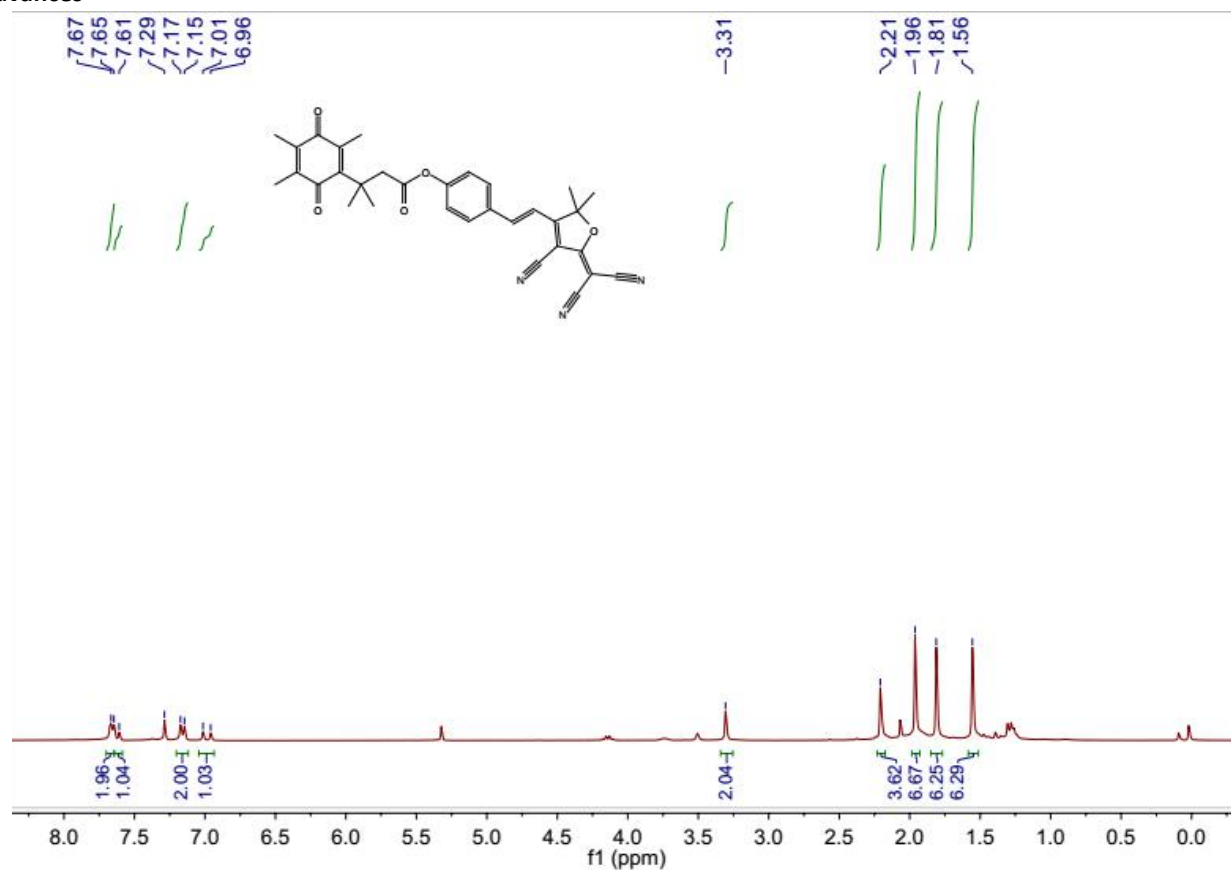


Fig. S4 <sup>1</sup>H NMR spectra of probe 1

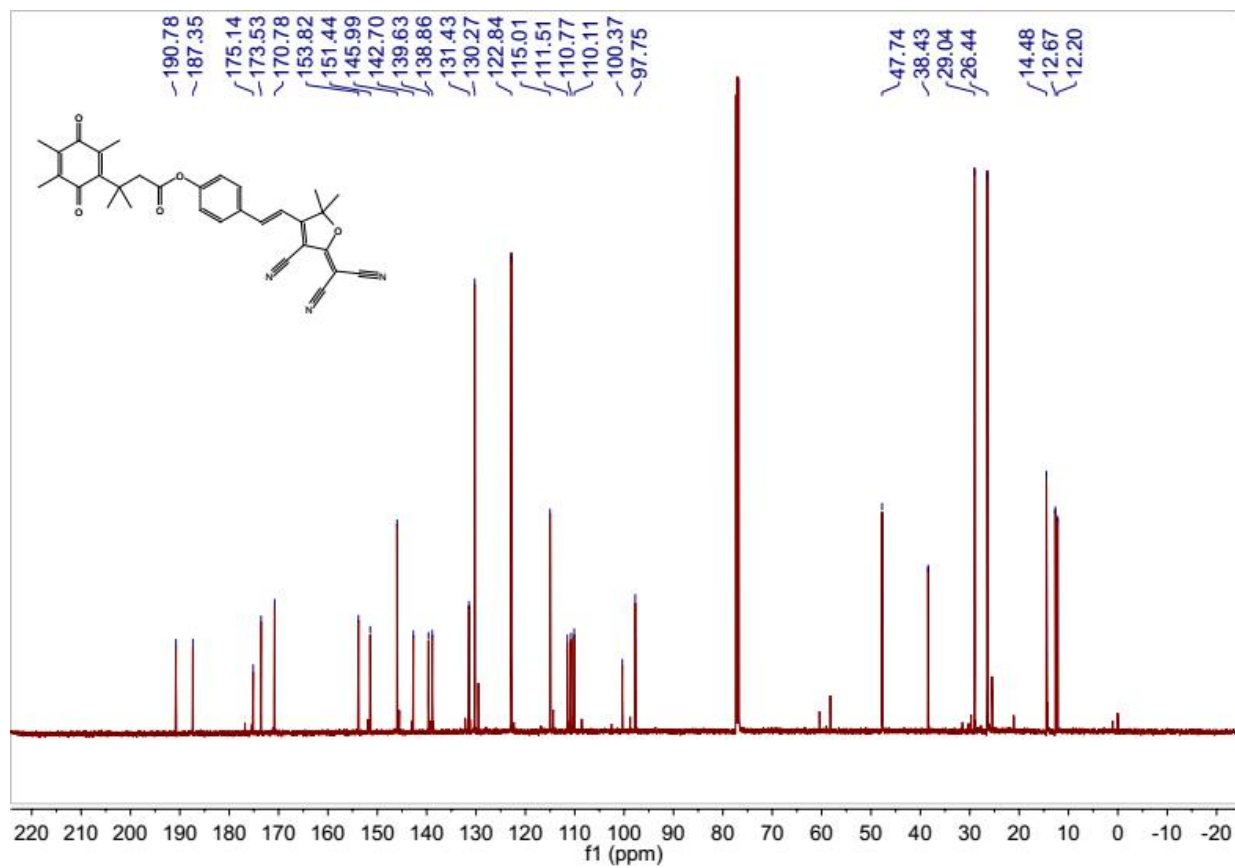
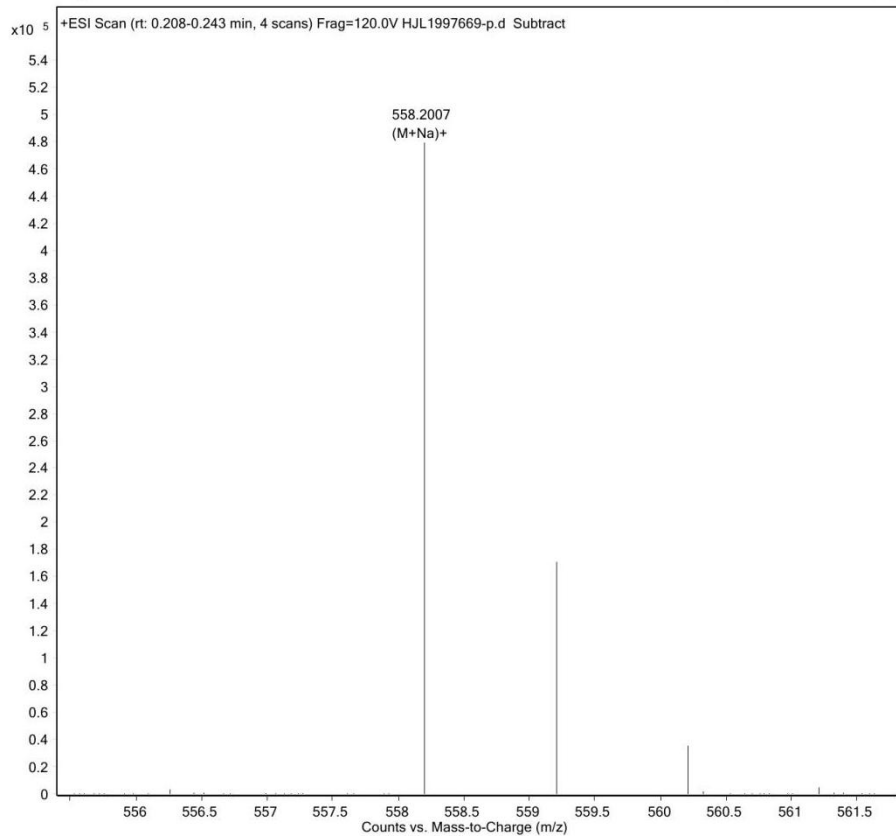


Fig. S5  $^{13}\text{C}$  NMR of probe 1

<b>Sample Name</b>		<b>Position</b>	P2B5	<b>Instrument Name</b>	Instrument 1
<b>User Name</b>	QTOF-PC\QTOF	<b>Inj Vol</b>	0.5	<b>InjPosition</b>	
<b>Sample Type</b>	Sample	<b>IRM Calibration Status</b>	Success	<b>Data Filename</b>	HJL1997669-p.d
<b>ACQ Method</b>	20110418-MSonly-p.m	<b>Comment</b>		<b>Acquired Time</b>	5/17/2019 12:12:42 PM



**Fig. S6 HRMS spectra of probe 1**