SUPPLEMENTARY INFORMATION

The synthesis and structural characterization of a new iodinated strigolactone mimic

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NMR Spectra of compound 3

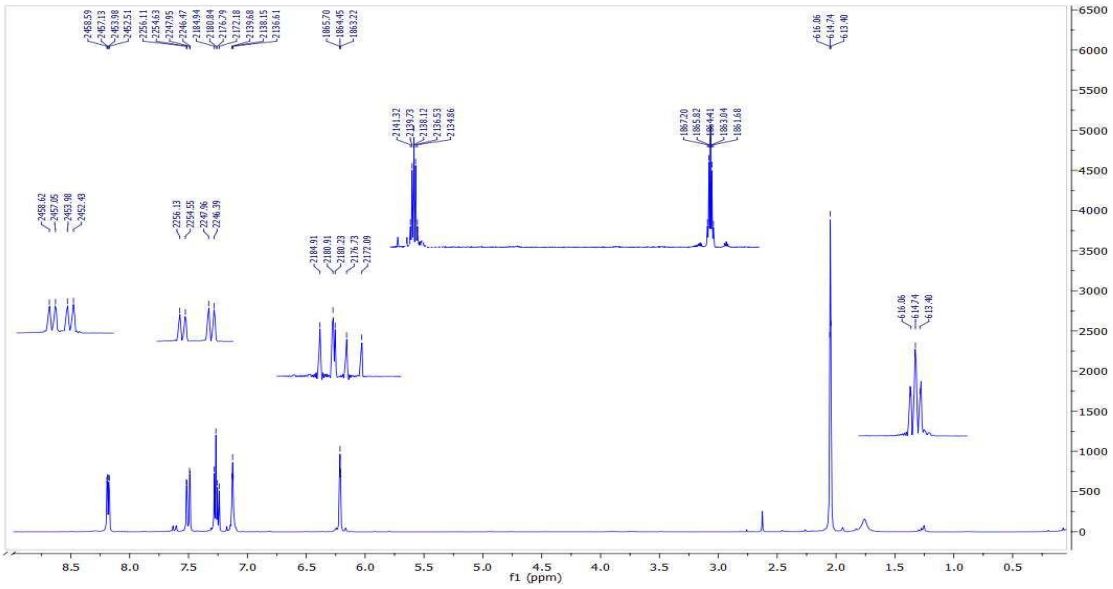

Figure 1S. The ^{1}H-NMR spectrum of compound **3** in $CDCl_3$

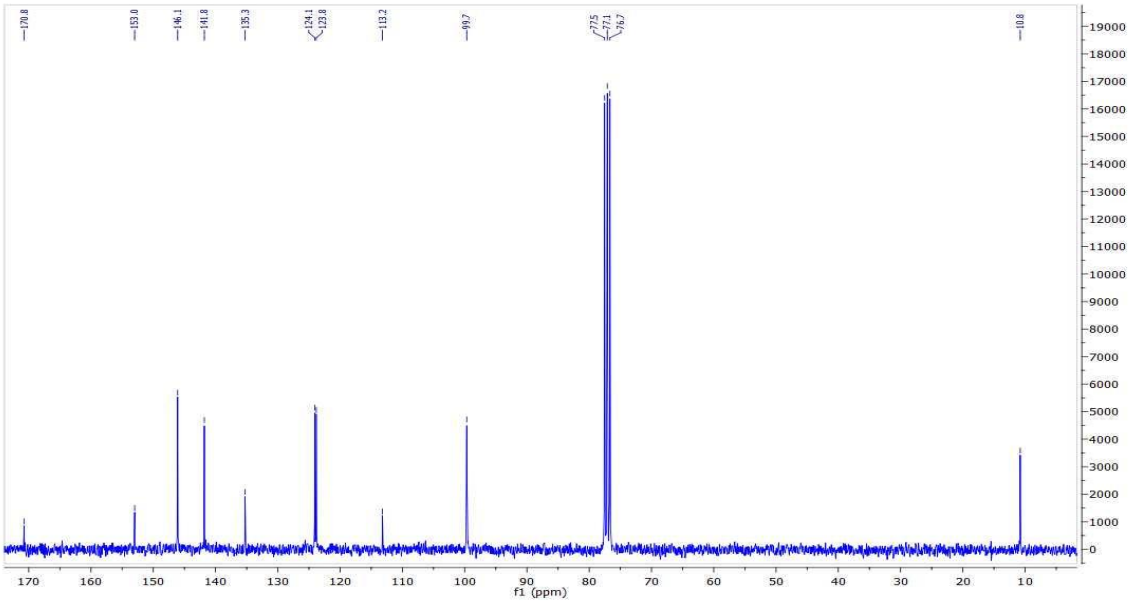

Figure 2S. The ^{13}C-NMR spectrum of compound **3** in $CDCl_3$

X-Ray diffraction data for compound 3

Table 1S. Bond distances (Å) and angles (°) for compound **3**.

I1-C1	2.106(5)	C1-C2	1.385(7)
O1-C2	1.383(6)	C2-C3	1.390(8)
O1-C6	1.407(6)	C3-C4	1.382(9)
O2-C6	1.440(6)	C4-C5	1.350(8)
O2-C9	1.384(6)	C6-C7	1.490(8)
O3-C9	1.187(6)	C7-C8	1.305(8)
N1-C1	1.308(7)	C8-C9	1.470(8)
N1-C5	1.348(7)	C8-C10	1.496(7)

C2-O1-C6	118.1(4)	N1-C5-C4	123.2(6)
C9-O2-C6	108.6(4)	O1-C6-O2	109.8(4)
C1-N1-C5	117.3(5)	O1-C6-C7	109.8(5)
N1-C1-I1	116.3(4)	O2-C6-C7	104.1(4)
N1-C1-C2	124.0(5)	C8-C7-C6	110.9(5)
C2-C1-I1	119.7(4)	C7-C8-C9	108.1(5)
O1-C2-C1	117.7(5)	C7-C8-C10	131.5(6)
O1-C2-C3	124.6(5)	C9-C8-C10	120.3(5)
C1-C2-C3	117.8(5)	O2-C9-C8	108.2(5)

C4-C3-C2	118.2(6)	O3-C9-O2	120.7(5)
C5-C4-C3	119.4(6)	O3-C9-C8	131.0(6)