

**Table 2.** NMR Spectroscopic Data (400 MHz) for Compounds **2** - **5**

position	<b>2</b> <sup>a</sup>			<b>3</b> <sup>a</sup>			<b>4</b> <sup>a</sup>			<b>5</b> <sup>a</sup>		
	$\delta_{\text{H}}$ (J in Hz)	$\delta_{\text{C}}$	HMBC (H to C)	$\delta_{\text{H}}$ (J in Hz)	$\delta_{\text{C}}$	HMBC (H to C)	$\delta_{\text{H}}$ (J in Hz)	$\delta_{\text{C}}$	HMBC (H to C)	$\delta_{\text{H}}$ (J in Hz)	$\delta_{\text{C}}$	HMBC (H to C)
1'		115.0			121.8			115.5			115.1	
2'		161.5			157.7			168.1			161.0	
3'		113.3			110.1			114.6			113.6	
4'		166.9			154.8			162.1			167.6	
5'	6.44 (d, 9)	101.8	1, 2, 3, 4	6.54 (d, 8.5)	109.2	1', 3'	6.40 (d, 8.5)	102.3	1', 2'	6.39 (d, 9)	102.4	3', 4'
6'	7.79 (d, 9)	131.9	2, 4, CO	7.52 (d, 8.5)	132.1	2', 4'	8.09 (d, 8.5)	133.1	2', 4', CO	7.83 (d, 9)	132.7	2', 4'
C=O		192.1			189.3			193.1			205.3	
$\alpha$	7.44 (d, 17)	118.3	2', 6'	7.57 (d, 15.5)	126.3	1, CO	7.78 (d, 15.5)	118.7	1, $\beta$ , CO	2.93 (dd, 7.5, 7.5)	30.4	
$\beta$	7.82 (d, 17)	144.0	1', CO	7.63 (d, 15.5)	141.7	1, CO	7.83 (d, 15.5)	145.1	2, 6, $\alpha$ , CO	3.26 (dd, 7.5, 7.5)	40.6	$\alpha$
1		127.9			128.7			127.7			133.8	
2	7.55 (d, 8.5)	130.5	3, 4, 6, $\beta$	7.58 (d, 8.5)	130.8	6, $\alpha$ , $\beta$	7.74 (d, 8.5)	131.7	4, 6	7.10 (d, 8.5)	130.2	1, 4, 6, $\alpha$
3	6.88 (d, 9)	116.0	1, 4, 5	6.93 (d, 8.5)	116.8	1, 4, 5	6.93 (d, 8.5)	116.7	1, 5	6.75 (d, 8.5)	116.0	1, 4, 5
4		158.0			160.2			160.9			156.5	
5	6.88 (d, 9)	116.0	1, 3, 4	6.93 (d, 8.5)	116.8	1, 3, 4	6.93 (d, 8.5)	116.7	1, 3	6.75 (d, 8.5)	116.0	1, 3, 4
6	7.55 (d, 8.5)	130.5	2, 4, 5, $\beta$	7.58 (d, 8.5)	130.8	2, $\alpha$ , $\beta$	7.74 (d, 8.5)	131.7	2, 4	7.10 (d, 8.5)	130.2	1, 2, 4, $\alpha$
side chain at 3'												
$\alpha$	3.03 (dd, 16, 8)	31.1	2', 3', 4', $\beta$ , $\gamma$	6.73 (d, 10)	117.6	4', $\gamma$	3.14 (dd, 15.5, 9.5)	27.6	2', 3', 4', $\beta$ , $\gamma$	2.93 (dd, 15.5, 7.5)	31.6	2', 3', 4', $\beta$ , $\gamma$
	3.37 (dd, 16, 10)		2', 3', 4', $\beta$ , $\gamma$				3.18 (dd, 15.5, 8)		2', 3', 4', $\beta$ , $\gamma$	3.34 (dd, 15.5, 10)		2', 3', 4', $\beta$ , $\gamma$
$\beta$	5.33 (dd, 10, 8)	88.1	4', $\gamma$ , $\epsilon$	5.75 (d, 10)	129.3	3', $\gamma$	4.81 (dd, 9.5, 8)	92.6		5.38 (dd, 10, 7.5)	88.5	$\alpha$ , $\gamma$ , $\delta$ , $\epsilon$
$\gamma$		143.3			77.7			71.4			144.8	
$\delta$	1.78 (brs)	17.0	$\beta$ , $\gamma$ , $\epsilon$	1.53 (s)	20.8	$\beta$ , $\gamma$ , $\epsilon$	1.29 (s)	25.4	$\beta$ , $\gamma$ , $\epsilon$	1.77 (brs)	17.1	$\beta$ , $\gamma$ , $\epsilon$
$\epsilon$	4.94 (m)	112.5	$\gamma$ , $\epsilon$	1.53 (s)	20.8	$\beta$ , $\gamma$ , $\delta$	1.24 (s)	25.9	$\beta$ , $\gamma$ , $\delta$	4.92 (m)	112.4	$\beta$ , $\gamma$ , $\delta$
	5.10 (m)		$\gamma$							5.08 (m)		$\beta$ , $\gamma$ , $\delta$

<sup>a</sup> Measured in acetone-*d*<sub>6</sub>.