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## Supporting Information

Total synthesis of the natural HDAC inhibitor Cyl-1

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Table 1: Comparison of the observed signals for Cyl-1 with literature data form S. Takayama *et al.*, Agric. Biol. Chem. **1984**, *48*, 839-842.

observed		literature data	
δ [ppm]	<i>J</i> [Hz]	δ [ppm]	<i>J</i> [Hz]
2.86	2.5, 5.8	2.86	2.5, 6.0
2.99	4.8, 5.8	2.99	4.5, 6.0
3.41	2.5, 4.5	3.41	2.5, 4.5

<sup>1</sup>H-NMR

<sup>13</sup> C-NMR			
observed, δ [ppm]	literature data, δ [ppm]		
46.1	46.2		
53 4	53 5		

207.4

207.5

1