

CORRIGENDUM

Methyl 5-glucosyl-5,6-dihydro-apo-4,4'-lycopenoate, a novel antioxidative glyco-C₃₀-carotenoic acid produced by a marine bacterium *Planococcus maritimus*

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Correction to: *The Journal of Antibiotics* (2008) 61, 729–735; doi:10.1038/ja.2008.86

The authors of the above Article noted an error in publication of this paper in Figures 2 and 3, and Table 2. The corrected figures and table are shown below. Reflecting this correction, title of the article has been changed. Authors would like to apologize for the inconvenience caused.

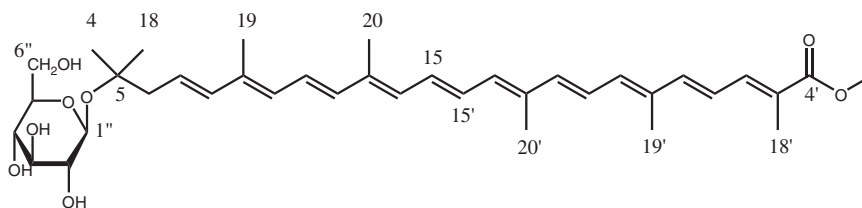


Figure 2 The structure of methyl 5-glucosyl-5,6-dihydro-apo-4,4'-lycopenoate (1).

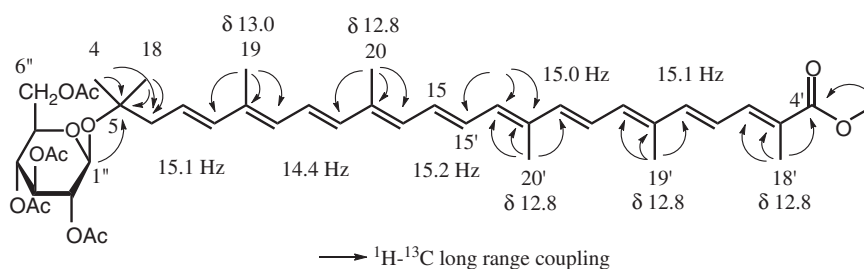


Figure 3 Key ¹H-¹³C long-range couplings, *J* values, and δ_c values observed in the NMR analysis of **2** peracetate.

Table 2 ^1H NMR data for methyl 5-glucosyl-5,6-dihydro-apo-4,4'-lycopenoate (**1**) and ^1H and ^{13}C NMR data for **2** peracetate

Position	1		2	
	δ_{H}		δ_{H}	δ_{C}
4	1.29 (3H, s)		1.17 (3H, s)	26.6 (q)
5				78.8 (s)
6	2.37 (m)		2.24 (1H, dd, 7.9, 13.8)	45.9 (t)
	2.40 (m)		2.42 (1H, dd, 7.4, 13.8)	
7	5.74 (1H, 6.9, 7.8, 15.3)		5.72 (1H, ddd, 7.4, 7.9, 15.1)	125.2 (d)
8	6.19 (1H, d, 15.3)		6.13 (1H, 15.1)	137.9 (d)
9				135.5 (s)
10	6.10 (1H, d, 11.5)		6.08 (1H, d 11.3)	130.9 (d)
11	6.63 (1H, dd, 11.5, 16.0)		6.63 (1H, dd, 11.3, 14.4)	125.0 (d)
12	6.35 (1H, d, 16.0)		6.35 (1H, d, 14.4)	137.4 (d)
13				136.0 (s) ^a
14	6.26 (1H, d, 10.1)		6.26 (1H, d, 9.7)	132.5 (d)
15	6.65 (1H, d, 10.1, 14.9)		6.65 (1H, dd, 9.7, 15.2)	130.8 (d)
18	1.30 (3H, s)		1.19 (3H, s)	25.6 (q)
19	1.92 (3H, s)		1.91 (3H, s)	13.0 (q)
20	1.98 (3H, s) ^a		1.98 (3H, s)	12.8 (q)
4'				169.1 (s)
5'				125.7 (s)
6'	7.28 (1H, d, 11.5)		7.30 (1H, d, 11.3)	139.1 (d)
7'	6.51 (1H, dd, 11.5, 14.3)		6.51 (1H, dd, 11.3, 15.1)	122.9 (d)
8'	6.62 (1H, d, 14.3)		6.62 (1H, d, 15.1)	144.2 (d)
9'				135.1 (s)
10'	6.35 (1H, d, 10.6)		6.35 (1H, d, 11.4)	136.2 (d)
11'	6.63 (1H, m)		6.63 (1H, dd, 11.4, 15.0)	125.0 (d)
12'	6.45 (1H, m)		6.45 (1H, d, 15.0)	139.9 (d)
13'				137.0 (s) ^a
14'	6.31 (1H, m)		6.31 (1H, d 11.4)	134.1 (s)
15'	6.63 (1H, d, 14.9)		6.63 (1H, dd, 11.4, 15.2)	129.9 (d)
18'	1.98 (3H, s)		2.00 (3H, s)	12.8 (q)
19'	2.00 (3H, s) ^a		2.00 (3H, s)	12.8 (q)
20'	2.00 (3H, s) ^a		1.98 (3H, s)	12.8 (q)
21'	3.77 (3H, s)		3.77 (3H, s)	51.7 (q)
1''	4.52 (1H, d, 7.4)		4.69 (1H, d, 7.8)	93.4 (d)
2''	3.33 (1H, dd, 7.4, 8.0)		4.98 (1H, dd, 7.8, 9.5)	71.6 (d)
3''	3.58 (1H, m)		5.24 (1H, dd, 9.0, 9.5)	73.1 (d)
4''	3.41 (1H, m)		5.04 (1H, dd, 9.0, 10.0)	68.9 (d)
5''	3.77 (1H, m)		3.68 (1H, ddd, 1.5, 5.8, 10.0)	71.6 (d)
6''	3.77 (1H, m)		4.10 (1H, dd, 1.5, 12.1)	62.5 (t)
	3.89 (1H, m)		4.22 (1H, dd, 5.8, 12.1)	

The ^{13}C signals of acetyl groups in **2** were observed at $\delta = 20.6$ – 20.7 (CH_3) and $\delta = 169.0$ – 170.6 ($\text{C}=\text{O}$).

^aInterchangeable.