

Correction to Synthesis and Application of ¹³C-Labeled 2-Acetyl-4-((1R,2S,3R)-1,2,3,4-tetrahydroxybutyl)imidazole (THI), an Immunosuppressant Observed in Caramel Food Colorings

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he ¹³C NMR assignments for carbon C-2 of both tautomeric forms of compounds 4 and 5 should read (p 7496) as follows:

Compound 4 ¹³C NMR (DMSO-d₆) (tautomer A (minor)) δ 25.3 (C-2'), 63.5 (d, J = 40 Hz, C-4"), 64.9 (dd, J = 42, 54 Hz, C-1"), 71.4 (dd, J = 42 Hz, C-3"), 73.9 (dd, J = 43 Hz, C-2''), 128.1 (d, J = 63 Hz, C-5), 139.4 (dd, J = 61 Hz, C-4), 144.5 (C-2), 188.5 (C-1'); (tautomer B (major)) δ 25.5 (C-2'), 63.7 (d, J = 41 Hz, C-4"), 67.3 (ddd, J = 3.5, 40, 60 Hz, C-1"), 71.4 (dd, J = 42 Hz, C-3"), 73.9 (dd, J = 43 Hz, C-2"), 119.2 (dd, J = 4.5, 65 Hz, C-5), 143.9 (C-2), 147.0 (dd, J = 63 Hz, C-4), 188.5 (C-1').

Compound 5 ¹³C NMR (DMSO-d₆) (tautomer A (minor)) δ 25.3 (C-2'), 63.5 (C-4"), 64.9 (C-1"), 71.4 (C-3"), 73.9 (C-2"), 128.1 (C-5), 139.4 (C-4), 144.5 (C-2), 188.5 (C-1'); (tautomer B (major)) δ 25.5 (C-2'), 63.7 (C-4"), 67.3 (C-1"), 71.4 (C-3"), 73.9 (C-2"), 119.2 (C-5), 143.9 (C-2), 147.0 (C-4), 188.5 (C-1').