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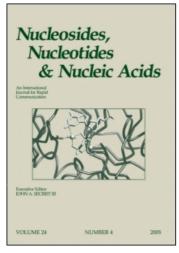
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ERRATUM

Synthesis of 2',3'-Unsaturated and 2',3'-Dideoxy Analogs of 6-Azapyrimidine Nucleosides as Potential Anti-HIV Agents.

T.-S. Lin, J.-H. Yang, and Y.-S. Gao

Nucleosides & Nucleotides, 9, 106. The data on compound 15a is incorrect. The complete experiment is given below.

2',3'-Dideoxy-6-azauridine (15a).

A mixture of compound 14a (0.60g, 2.84mmol) and t-BuOK (0.80g, 7.1mmol) in dried Me₂SO (30mL) was stirred at 75-80°C for 2.5h. The solvent was removed in vacuo to yield a residue, which was dissolved in EtOH-H₂O (15mL : 5mL) and neutralized with HOAc-EtOH (1:1, v/v) to ~ pH 7. The solvents were evaporated to dryness again in vacuo. The resulting residue was then chromatographed on a silica gel (200g) column (EtOAc-MeOH, 100 : 7, v/v) to afford 0.33g (55%) of white solid: mp 142-144°C (Me₂CO-hexane); UV (MeOH) λ_{max} 263 nm (ϵ 5362), λ_{min} 216 nm; UV (0.01N NaOH) λ_{max} 258 nm (ϵ 6272), λ_{min} 219nm; UV (0.01N HCl) λ_{max} 262 nm (ϵ 5665), λ_{min} 227nm; NMR (Me₂SO-d₆) δ 3.42 (m, 2H, 5'-H), 4.71 (m, 2H, 4'-H; and 5'-OH, D₂O exchangeable), 5.84 (m, 1H, 3'-H, vinyl), 6.33 (m, 1H, 2'-H, vinyl), 6.88 (dd, 1H, 1'-H), 7.49 (s, 1H, 5-H), 12.2 (br s, 1H, 3-NH, D₂O exchangeable); MS m/e 212 (M⁺ + 1). Anal. Calcd. for C₈H₀N₃O₄: C, 45.50; H, 4.30; N, 19.90. Found: C, 45.75; H, 4.46; N, 20.19.